

REGION 7
PACIFIC SOUTHWEST REGION
OF THE NATIONAL NETWORK OF LIBRARIES OF MEDICINE
(PSRML)

Quarterly Report

October - December 2000

Contract No. N01-LM-6-3527

Date Submitted:

May 16, 2001

University of California, Los Angeles
Los Angeles, CA 90095-1798

TABLE OF CONTENTS

	PAGE
I. BASIC NETWORK PROGRAMS.....	1
II. OUTREACH PROGRAMS.....	6
APPENDIX A: OUTREACH SUBCONTRACT REPORTS	
Partners in Information Access for Public Health Professionals:	
Hawaii Public Health Information Virtual Emporium (HiPHIVE).....	15
Public Health Information Link (P.H.I.L.) for Nevada.....	39
Internet Connectivity:	
Arizona Internet Connectivity Program.....	47
Computer Assisted Medical Information Link (CAMIL 3).....	50
PSRML Year 2000 Outreach Awards:	
Valley Care Outreach.....	53
Health Information Resources on the World Wide Web.....	58
Los Banos House Calls.....	63
Medicine on the Net	65
Redwood Health Library's Internet HealthQuest	74
Improving Health Access to Electronic Health Care for the Public	
Health Information Resources for Southern Nevadans.....	78
LINC'S Clearinghouse Linking Information for Children with Special Needs.....	92
Improving Access to Health Information for Consumers of Pima County.....	95
Hawaii Partnership for MEDLINE Training.....	100
Access to Electronic Health Information for the Public (UCSD).....	129
PlaneTree Health Library.....	145
APPENDIX B: OUTREACH REPORTING FORMS.....	154
APPENDIX C: EXHIBIT REPORTS	
Hawaii Library Association	170
Association of Rehabilitation Nurses.....	175
California Library Association.....	179
California School Library Association.....	183
APPENDIX D: RESOURCE LIBRARY DIRECTORS MINUTES.....	188
APPENDIX E: BRAVO MEDICAL MAGNET HIGH SCHOOL OUTREACH.....	196

**Pacific Southwest Region
National Network of the Libraries of Medicine
Quarterly Report**

October - December 2000

I. BASIC REGIONAL NETWORK PROGRAMS

Regional Needs Assessment

- Work continued on the analysis of the regional hospital library evaluation survey data.

Network Membership Program

- Region 7 has a total of 620 Network Members.
- Dorothy Toliver, Director of the Maui Community College library, visited PSRML in mid-December. She received an introduction to the National Network of Libraries of Medicine and Network eligibility guidelines, NLM's web-based health information resources, and DOCLINE.

Resource Libraries

- The Resource Library Directors met on October 16. The meeting featured a special presentation by Kathi Canese, Technical Information Specialist, National Library of Medicine, on the new LinkOut for Library Holdings feature of PubMed. Complete meeting minutes are attached (Appendix D).

Network Development

- In October PSRML mailed the National Guideline Clearinghouse (NGC) Tutorial CD-ROM to all Network members. This ten-minute instructional presentation, "Welcome to the NGC," offers a detailed demonstration on how to successfully use and navigate the NGC web site.¹ The mailing included a review of the tutorial prepared by Brian Brown to inform Network members of the usefulness of this resource.
- Heidi Sandstrom attended the Library of California meeting on November 10; the Arroyo Seco Library Network was granted legal status as a "Regional Library Network" of the Library of California at this meeting.
- Elaine Graham and Andrea Lynch visited Norris Medical Library, University of Southern California, on October 19. Judy Kraemer provided an overview of Access Services, including a demonstration of the library's Ariel e-mail document delivery service for

¹ <http://www.guideline.gov>

Network libraries. She has been working with the Medical Library Group of Southern California and Arizona Interlibrary Loan Committee to promote the use of electronic document delivery.

- PSRML staff reviewed and offered comments on the proposed text and format for the new NLM bookmark describing the NN/LM.
- Availability of the new NN/LM web page on e-journals resources² was promoted via the regional listserv. The page was submitted to the Librarians Index to the Internet³ by Barbara Bibel, librarian at Oakland Public Library, a Network member library.
- Status reports and news on NLM databases and services were regularly posted to the listserv.
- PSRML sponsored sites throughout the region for the Medical Library Association (MLA) satellite teleconference on November 15, "Myth and Reality of Electronic Publishing." Technical difficulties were encountered at several sites, and PSRML followed up with MLA and its technical support contractor to determine how to avoid such problems in the future. For sites that were unable to receive the live broadcast, a videotape of the conference was made available for subsequent viewing. Approximately 145 Network librarians participated in the conference sessions. The following libraries served as host sites:

Health Sciences Library, Kaiser Permanente Medical Center, Bellflower, CA

Grigg Medical Library, John C. Lincoln Health Network, Phoenix, AZ

Library, Tripler Army Medical Center, Tripler, AMC HI⁴

Arizona Health Sciences Library, University of Arizona, Tucson

Biomedical Library/PSRML, University of California, Los Angeles⁴

Geisel Library/Biomedical Library, University of California, San Diego, La Jolla, CA

Library and Center for Knowledge Management, University of California, San Francisco

Savitt Medical Library, University of Nevada School of Medicine, Reno⁴

Facility Education Library, VA Southern Nevada Healthcare System, Las Vegas

- PSRML arranged for the librarian, library committee chair, and the information technology manager from Providence-St. Joseph Hospital, Burbank, California, to visit the UCLA Biomedical Library to learn about electronic resources management in an academic health sciences library setting. Barbara Schader, Head of Collection Development, and David Yamamoto, Library Webmaster, joined Elaine Graham in discussing acquisitions, management, and public services issues related to electronic journals.

² <http://www.nlm.nih.gov/libinfo/ejournals/>

³ <http://liii.org>

⁴ Not able to receive signal

SERHOLD

- Region 7 currently has 371 SERHOLD contributors.
- There are six new DOCLINE participants: four are full participants and two are borrow-only libraries. Three DOCLINE applications are pending as of the end of the quarter.
- Two DOCLINE libraries closed: Kaiser Permanente Medical Center Richmond (CAUKPE) and Tucson General Hospital (AZUTUB).
- The Region has 363 DOCLINE libraries; 28 of these are Borrow-Only libraries.
- A total of 118 DOCLINE routing table approvals were completed at PSRML during the quarter.
- Four DOCLINE orientations were performed via telephone during the fourth quarter.
- Region 7 currently has 155 libraries providing Loansome Doc service, and 81 of those also serve unaffiliated health professionals.

	SERHOLD Contributors	DOCLINE	Percent Participants	Borrow-Only DOCLINE
Arizona	41	40	98%	5
California	301	294	98%	19
Hawaii	14	14	100%	1
Nevada	10	10	100%	2
Pacific Basin	5	5	100%	1
Total Participation	371	363	98%	28

- During the quarter **209** Loansome Doc inquiries were received. Of this number **107** were from health professionals and **102** were from non-health professionals. Detailed statistics are provided below:

State	HP	Not a HP	Total
Arizona	15	11	26
California	84	87	171
Hawaii	1	1	2
Nevada	5	3	8
Pacific Basin	2	0	2
Totals	107	102	209

- PSRML developed a web-based form for a DOCLINE participant to request temporary deactivation of a DOCLINE account for vacation or other extended period when the library cannot receive DOCLINE requests (DOCLINE Hold Request).⁵ The form and procedures have been adopted by six NN/LM regional offices and are pending review at the other two offices. On November 21, we made the web-based DOCLINE Hold Request live and sent an announcement to our regional listserv. We received 21 requests for DOCLINE holds during the quarter.

Microcomputer Training Facility

- The training facility was used by the following groups this quarter: The University of Minnesota and Morehouse School of Medicine, for a *RESDAC/Health Care Financing Administration Medicaid Data Workshop*; the National Online Training Center for a *Keeping Up with PubMed* training workshop; and PSRML for a PubMed presentation by graduate student intern Brian Brown.

Communications

- The September/October and November/December issues of *Latitudes* were published and distributed. The September/October issue featured a report by Terry Henner on the Web-based HIV/AIDS Information for Northern Nevada (WHINN) project and highlighted PSRML Year 2000 Outreach Awards. The November/December issue featured an article on the BioSites update and highlighted regional consumer health libraries linked to MEDLINEplus. The *Latitudes* web index page (<http://www.nlm.nih.gov/psr/lat/>) received over 948 hits in the fourth quarter. Between October and December, there were three requests to be added to the *Latitudes* e-mailing list.
- PSRML staff participated in teleconferences convened by the National Network Office. Topics included DOCLINE, consumer health information services, and NLM's new Office of Outreach to Special Populations.
- The following videotapes and audiotapes circulated to Network members during the quarter:

Videotapes:

Copyright in the New Millennium: The Impact of Recent Changes to U.S. Copyright Law (2)
Libraries, Copyright and the Internet (5)
NLM: Health Services Research - A Historical Perspective (3)
The NLM Joseph Leiter Lecture - Quality Communication: The Path to Ideal Health (3)

Audiocassettes:

Medical Library Association 2000 Annual Meeting and Exhibit (21)

⁵ <http://www.nlm.nih.gov/libinfo/docline/dochold.html>

Program Assessment/Feedback from the Region

- Elaine Graham visited two Network member libraries in Las Vegas, Nevada, on November 8, 2000: Veterans Administration Southern Nevada Healthcare System and the West Charleston Branch of the Las Vegas Clark County Library District. The VA library is involved in the educational programs of the ambulatory care center, including media support for onsite educational programs and local coordination of national VA satellite education programs. Since the library is open to patients, an update on MEDLINE*plus* and *ClinicalTrials.gov* was especially welcomed by librarian Wil Akiyama. The West Charleston Branch Library is completing a subcontract for Access to Consumer Health Information for the Public; librarian Florence Jakus demonstrated the project's new web site, shared promotional materials, and discussed outreach and training activities.

Referral Service

- No Activity.

Consortia

- In October one library group was added to the DOCLINE system: Central Valley Health Science Library Consortium (CVHSLC). Region 7 now has a total of 25 library groups that are recognized in the DOCLINE system.

Grant Applications

- No activity.

Staff Activities

- Brian Brown, a second-year graduate student at the UCLA Department of Information Studies, completed his internship with PSRML in December.
- Ms. Hamasu was a guest speaker along with Network librarians Alice Hadley and Arlene Cohen on the radio talk show, *Island Doctor*, which is broadcast throughout Guam. The librarians talked about National Library of Medicine resources and access to health information from the Naval Hospital library and the University of Guam library.
- Elaine Graham and Claire Hamasu viewed the videotape of MLA's satellite program, "The Effects of E-journals on your Library," at the UCLA Biomedical Library on December 12, 2000.
- Interviews continued for the position of Library Network Coordinator, and a search committee was appointed for the position of Education and Exhibit Coordinator.
- Elaine Graham served on the search committee for the Head, Access and Delivery Services, UCLA Biomedical Library.

- Michael Miller coordinated with UCLA Library staff on completion of the Ethernet cabling in the PSRML offices and Microcomputer Training Lab.
- Elaine Graham and Brian Brown attended “Keeping Up with NLM's PubMed, the NLM Gateway and ClinicalTrials.gov” presented at PSRML by the National Online Training Center on October 24.
- Elaine Graham attended the meeting of the American Medical Informatics Association, held in Los Angeles in November.
- The PSRML holiday greeting card was distributed electronically.⁶

II. OUTREACH PROGRAMS

Applied Technology/Technology Awareness

- Brian Brown completed a web site to be used as a homepage for Internet Connectivity Support Program institutions. He also worked on contacting institutions that had previously indicated interest in participating in the Internet Connectivity Support Program; in spite of repeated calls, neither of the institutions responded.
- Michael Miller and Claire Hamasu began the redesign of the Brandon/Hill Journal Links,⁷ the PSRML web page that offers links to electronic versions of the titles on the Brandon/Hill List of Journals for Small Hospital Libraries. The data on titles and their availability is being moved to a database to facilitate searching and updating.
- During her trip to the Pacific Basin, Claire Hamasu met with representatives from the University of Guam and Pacific Resources for Education and Learning to discuss the technological and human infrastructure necessary to improve information access for health professionals in the Pacific Basin.
- Cathy Brown, a UCLA librarian, was employed on a part-time, temporary basis during the quarter to conduct a complete review and update of BioSites⁸ listings. Staff at the University of California, San Francisco, Library and Center for Knowledge Management, which hosts the site, quickly processed the numerous changes.

Direct Outreach to Health Professionals

- In November, Claire Hamasu and Arlene Cohen, from the University of Guam, met with division heads of the Guam Public Health department to talk about their access to the Internet

⁶ <http://www.nlm.nih.gov/psr/hh2000.html>

⁷ <http://www.nlm.nih.gov/libinfo/ejournals/branhill.html>

⁸ <http://galen.library.ucsf.edu/biosites/>

and familiarity with NLM resources. They expressed great interest in training opportunities, and Arlene Cohen will offer workshops for them in 2001.

- Elaine Graham and Brian Brown presented a hands-on workshop, “MEDLINE and Other NLM Resources on the Web” at the AMSUS 2000 All Services Information Technology Showcase, November 9, in Las Vegas, Nevada. The ninety-minute workshop was part of a two-day session organized by the Veterans Administration during the AMSUS (The Society of the Federal Health Agencies) conference. The workshop was well received; several participants commented that they appreciated learning about a technologically based resource that they could apply immediately in their work environments.

Outreach Subcontracts

- An overview of project accomplishments appears here, and complete quarterly reports from subcontractors are included in Appendix A.

Partners in Public Health for Information Access - HiPHIVE

The final report has been submitted. Sharon Berglund and Virginia Tanji, the trainers in the project, presented a paper at the Internet Librarian Conference.

Partners in Public Health for Information Access - PHIL

Terry Henner was the general session speaker for the Nevada/California Rural Health/Public Health conference held on November 1-2, 2000, where he talked about PHIL. He also taught a pre-conference workshop for the meeting on public health resources. This quarter's PHIL training sessions were conducted for the Clark County Health District.

- The following projects are funded by PSRML Year 2000 Outreach Awards (purchase order agreements). An overview of project accomplishments appears here, and complete quarterly reports are included in Appendix A.

Health Information Resources on the World Wide Web – California Pacific Medical Center

Staff successfully conducted their first training sessions for consumers. The two-part training consists of an introduction and more advanced use of health resources on the web. The sessions were well attended.

Los Banos House Calls – Memorial Hospitals Association

Despite heavy promotion, the organizers have had problems arranging a schedule for training. A new “drop-in” plan is being put into effect for the next quarter. A positive impact of the promotion has been the increase in requests for library service from the target group.

Medicine on the Net – Sutter Resource Center

Classes continued to be offered to consumers, library volunteers, and Sutter system staff. The first Spanish language workshop did not attract any attendees. Organizers are looking at new marketing techniques to attract people. Stories are getting back to the library of how the sessions have “opened a whole new world” for participants.

Redwood Health Library’s Internet HealthQuest – Petaluma Health Care District

The librarians at the local public library in Petaluma attended a workshop covering NLM and other health information resources. There was a subsequent reduction of referrals from the public library to the Health Library, testifying to the workshop’s success. A second public workstation was installed at Redwood Health Library. The principal investigator reports that patrons have found it easier to phone or fax in their article requests than to follow the links, register, and use Loansome Doc.

Valley Care Outreach – Olive View/UCLA Medical Center

Marsha Kmec has publicized and taught workshops at North Hollywood ValleyCare clinic and at the Mid Valley Clinic. Both sessions were very well attended and covered Internet search engines, PubMed, and Loansome Doc.

- The following projects are funded by PSRML Internet Connectivity Awards (purchase order agreements). An overview of project accomplishments appears here, and complete quarterly reports are included in Appendix A.

Arizona Internet Connectivity Program

The principal investigator is working with the Virtual Development Center to identify institutions that could participate in programs conducted by both projects, which together would provide participating institutions with the technology needed for Internet access.

CAMIL 3

Selection of the hardware needed for each site is proceeding.

Special Populations/Subjects Outreach

- Outreach report forms appear in Appendix B.
- In December, Claire Hamasu taught a workshop on AIDS resources entitled “Utilizing the Internet for HIV Prevention Program Excellence,” sponsored by the Council of Community Clinics, in San Diego, California. The workshop was well received, and PSRML was asked to schedule an additional session in 2001. There were people who were interested in attending but could not, because there were not enough workstations to accommodate them.

- Claire Hamasu was invited to speak at the UCLA Center for Vulnerable Populations Research Colloquium. Her talk, "Health Information for All: National Library of Medicine Initiatives," described projects NLM sponsors to support health information for vulnerable populations. At the end of her presentation she demonstrated PubMed and MEDLINE*plus*.
- Claire Hamasu talked to Roy Sahali, project coordinator for the Tribal Connections Project of the Pacific Northwest NN/LM, regarding the status of new projects. Two projects were awarded in the Pacific Southwest Region, one to the Colorado River Indian Tribes in Arizona, and one to the Shoshone-Paiute in Nevada. PSRML has committed to assist with training, as needed and in coordination with the area Resource Libraries, for the projects to be implemented in the Pacific Southwest states.

Underserved Health Professionals

- At the end of October the training portion of the Underserved County Project was conducted in Yavapai County, AZ. The format for this program is to partner with a Network member in order to reach health professional groups in the target county. The Network member provides the "insider" connections to facilities and agencies in the county, and the RML provides the training experience and technology that may be needed for workshops. Karen Fanning, Library Associate/CME Coordinator at Valley Verde Medical Center, Cottonwood, Arizona, proved to be the ideal Network partner. She handled the promotion and scheduling of sessions, and her institution opened its computer lab as the primary training site. Participants for the sessions included health professionals from Verde Valley Medical Center, Sedona Medical Center, the public health department, and the Yavapai Apache Nation. Library staff from Yavapai Community College and local public libraries also attended. Ms. Hamasu and Ms. Fanning co-taught the sessions, with Ms. Hamasu covering NLM resources and Ms. Fanning covering licensed electronic resources available from her library. Included in the packet of handouts was a list of clinical web sites developed for the Internet Connectivity Support Program. During the hands-on section of the workshop, participants were invited to explore sites on this list. The workshops were very well received as evidenced by course evaluations and e-mail notes of thanks following the sessions.
- Claire Hamasu visited Prescott, where there is another large population of health professionals in the county, to determine their interest in training. She met with representatives of the health department, the community college, the VA hospital, the Southwest Education Center, and the Yavapai Apache Nation. The training sessions for these groups were scheduled for January 2001.

Inner City Project

- No Activity.

Internet Grateful Med and PubMed

- Brian Brown taught a PubMed update covering Cubby, History, and Preview/Index for staff of the Biomedical Library.
- At the end of December, Claire Hamasu met with Christina Hennessey and Barbara Schader from the UCLA Biomedical Library's Collection Development Division to discuss adding the library's electronic journal holdings data to PubMed LinkOut.
- During the quarter PSRML staff provided feedback on several versions of the NLM Gateway.

Minority Institutions

- No activity.

Exhibits

- New exhibit graphics were created for the state library association meetings.
- PSRML exhibited at the Association of Rehabilitation Nurses Annual Conference in Reno, Nevada, in October; and at the Hawaii Library Association (HLA), the California Library Association (CLA), and the California School Library Association (CSLA) annual conferences in November. Complete exhibit reports are included in Appendix C. At the HLA conference, Heidi Sandstrom collaborated with Christine Sato, librarian of the Consumer Health Information Service (CHIS), Hawaii Medical Library, on the presentation *HI/HI: Health Information for Hawaii*. Ms. Sandstrom also gave presentations at the CLA and CSLA conferences.

Consumer Health Information Services Program

- The Consumer Health Information Services page on the NN/LM Pacific Southwest Region web site was redesigned for easier use and accessibility to the information resources on the site.
- The "Be Well. Be Informed." promotional flyer was translated into Spanish. Both the English and Spanish versions are available in PDF format for downloading from the PSRML web site.⁹
- Ms. Hamasu attended the Pacific Island Association of Libraries and Archives in November and presented a session for academic and public librarians briefly describing NLM's and the RML's consumer health program. She demonstrated consumer health sites, with an emphasis on childrens' sites to show the variety of health information available.

⁹ <http://www.nlm.nih.gov/psr/promo.html>

- Earlier this year PSRML exhibited at the Francisco Bravo Medical Magnet High School Health Fair (Los Angeles, March 1, 2000) and subsequently offered the students a series of workshops on accessing and evaluating online health information resources. The workshops were developed with the input and assistance of the librarian at Bravo, Lynne Barker. Six 50-minute workshops were conducted by Heidi Sandstrom and PSRML graduate student intern Frederic Rauber; 144 students attended sessions (March 23 and March 28). Brian Brown, PSRML graduate student intern for fall quarter 2000, worked with Heidi Sandstrom to complete the evaluation of the pre- and post-tests given at the workshops. Results of this evaluation and related materials appear in Appendix E.
- Elaine Graham, Heidi Sandstrom, and Claire Hamasu met with Howard Batchelor, UCLA Digital Library Coordinator, to discuss the PSRML project on digitization of consumer health information materials in non-English languages and the tools available for digital projects at UCLA.
- PSRML reviewed and approved a proposal from Zoe Stavri, Ph.D., to conduct an evaluation study of MEDLINE*plus*. Documentation was prepared for her to conduct the study under an independent consultant agreement with UCLA. Dr. Stavri will assess the usefulness of MEDLINE*plus* for participants in regional *Access to Electronic Health Information for the Public* projects.
- Quarterly project reports were received from six Network libraries awarded funding for *Access to Electronic Health Information for the Public* projects. An overview of project accomplishments appears here, and the full reports appear in Appendix A.

Arizona Health Sciences Library

The CHILÉ Project is on target with its activities and schedule. One steering committee meeting was held during the quarter. Four workshops were held; 37 Tucson-Pima Public Library (TPPL) librarians attended, and workshop evaluations indicated that the training was effective in increasing the knowledge, skill and comfort level of these librarians in providing health reference services. Planning is taking place for a second series of workshops, which will be held in February 2001. A January launch of the CHILÉ web site is anticipated. Interim bookmarks have been created for TPPL librarians and for a November Arizona Library Association Conference. Of note, AHS� is providing a free ILL option to TPPL.

Hawaii Medical Library

Librarians from the Consumer Health Information Service of Hawaii Medical Library (HML) conducted the first 12 of 26 planned workshops on how to use MEDLINE*plus* and PubMed to answer health questions. These 90-minute sessions were done at six sites on Hawaii's outer islands; the 91 participants were members of the public, health providers, librarians and library staff, and students. The training was well received; it was designed around posing health questions and showing participants how to find the answers, and included a hands-on segment. Search guides for the workshop were well designed and previewed for reading level. It should be noted that document delivery was a topic of much interest to the

participants—they wanted to know how to obtain articles and expressed concern about the costs being a barrier to access.

Las Vegas-Clark County Library District/West Charleston Library

Activities of the Health Information Resources for Southern Nevadans project during the quarter focused on planning, developing, modifying and coordinating the training offered through the project. Several project team meetings were held, and staff and public workshops were conducted. Four staff training workshops had 17 participants; these were two hours in length with a presentation given during the first half and a hands-on session offered during the second half. Two public workshops were conducted for six participants. The low attendance figure was attributed to the times these workshops were offered; the schedule will be adjusted next quarter in hopes that attendance will increase. The training has been well received by the participants. Various public relations activities took place during the quarter, including a presentation at the Nevada Library Association meeting entitled “Demystifying Medical Reference Questions,” with 20 attendees. Project staff also exhibited at a health fair in Las Vegas; 74 people stopped by the booth for information. Because of the demand for Spanish language information at this health fair, a Spanish language bookmark will be developed next quarter. The project web site¹⁰ can be accessed via the “Special Collections” link on the Las Vegas-Clark County Library District home page.

PlaneTree Health Library

Four workshops were held at the Grail Community Center during the quarter for seven volunteers who will work two hours per week at the Grail branch of the PlaneTree Health Library. This training included an exploration of Spanish-language health information web sites, and a session on helping women to become more confident in using the Internet. These workshops were conducted in both English and Spanish. Two meetings with directors of other health-related agencies in the community were held to explore additional health education/information services that Grail might offer through collaborative partnerships. There were 64 documented uses of the library; this figure probably does not reflect actual use because the library is open even when staff is not physically present. The project continues to face staffing challenges, but a promising candidate for the part-time library assistant has been identified.

University of California, San Diego Biomedical Libraries/The Preuss School UCSD

Project directors continued to meet weekly; activities this quarter were focused on training and web site development. Student and faculty training curricula were developed, student training materials were produced, and a pilot training session for students was conducted. Evaluation of this training indicated that it was effective in meeting its goals. The student curriculum will be modified next quarter so that hand-on activities more closely follow each content area of instruction. The project web site debuted and promotional materials for the site are being developed; the URL is <http://health.ucsd.edu/hipfps/>.

¹⁰ http://www.lvccld.org/special_collections/medical/consumer_health.htm

ValleyCare Health Library

The LINC'S CLEARINGHOUSE project committee approved a definition of Special Needs Children and finalized policies and procedures for the Clearinghouse. Local resource data has been input into the database, and a preliminary web layout completed. Materials purchased for the project have been cataloged. Computers have been installed and NORD, a database of rare diseases and conditions, has been added as a resource. Policies and procedures for delivering documents to the public are being developed. The committee is still debating selection criteria for links on the web site and for entries in the resource directory.

APPENDIX A
Outreach Subcontracts

**Partners in Information Access Projects
HiPHIVE Final Report**

COVER SHEET

Project Name:

HiPHIVE
Hawaii Public Health Information Virtual Education

Institution Name & Location:

Hawaii Medical Library
1221 Punchbowl Street
Honolulu, Hawaii 96813

Purchase Order Number:

5415-G-9B43600

Report Submitted by:

Sharon L. Berglund, Project Coordinator
for
John Breinich, Principal Investigator
Hawaii Medical Library
1221 Punchbowl Street
Honolulu, Hawaii 96813
1-808-536-9302 ext. 110

Report #9

Submitted January 18, 2001

OUTREACH DATABASE RECORD

SEC SOURCE ID	[TO BE COMPLETED BY NLM]
ID NUM	[TO BE COMPLETED BY NLM]
NLM PROG	[TO BE COMPLETED BY NLM]
NLM CONTRACT	[TO BE COMPLETED BY NLM]
ACTIVITY TYPE	RML Subcontract
FUNDING TOTAL	\$36,500.00
STARTDATE	981001
ENDDATE	001230
INST NAME	Hawaii Medical Library
ADDRESS	1221 Punchbowl Street
CITY	Honolulu
STATE	HI
ZIP CODE	96813
REGION	07
CONGRESS DIST	01, 02
COUNTY	Oahu, Hawaii, Maui, Kauai
INST CONTACT	John Breinich, Executive Director 1-808-536-9302/106 and Sharon Berglund, Reference/Education Services Librarian (as of 8/01/00 employed as the Science Librarian for California State University San Marcos, CA 1-760-750-4375)
COLLABORATOR (S)	Hawaii Medical Library 1221 Punchbowl Street Honolulu, HI 96813 \$36,500.00

School of Public Health, University of Hawaii at Manoa (currently with
John A. Burns School of Medicine)
1960 East-West Road, Room D-206
Honolulu, HI 96822-2319
Virginia Tanji, 1-808-956-8666

INST TYPES Academic Health Sciences Center
Hospital/Medical Center
Community Health Organization
Research Organization
Academic (non-medical)
State Health Organization

TITLE HiPHIVE (Hawaii Public Health Information Virtual Emporium)

RML GENERAL OUTREACH ACTIVITIES

PURPOSE The purpose of HiPHIVE is to assess need for local public health data,
locate data sources to fill the need, provide links to the data using an
Internet website and inform & train public health professionals to use the
sources.

OBJECTIVES The project objectives included conducting a needs assessment for use in
developing a website and training, developing a local public health
Internet site, training key public health professionals, conducting training
sessions at various sites throughout the state and utilizing a portable LAN
to deliver hands-on training in rural sites.

SETTING Urban & rural

FOCUS Minority Health Professionals
Asian Americans
Pacific Islanders
Rural
Inner City Health Professionals

DESIGN Conduct a training/information needs assessment
Develop a local public health Internet site
Train key public health professionals
Utilize a portable LAN for hands-on training
Evaluate results

PARTICIPANTS Public health professionals employed in Hawaii
These included :
State of Hawaii Department of Health (DOH)

School of Public Health Alumni
Hawaii Health Information Corporation
Hawaii Health System Corporation
Hawaii Public Health Association
HAWAII MEDICAL SERVICES ASSOCIATION
Hawaii Primary Care Association

In total, there were 148 attendees of our training sessions. Of those, 36 were affiliated with a hospital or medical library, 105 were unaffiliated and 7 were unknown.

INTERVENTIONS Preparation and administration of needs assessment
Creation and maintenance of the HiPHIVE website
(<http://hml.org/hiphive/>)
Creation and implementation of training program
Preparation and administration of pretraining and posttraining surveys

OUTCOME MEASURES

One of the goals of the project was to determine if HiPHIVE training intervention changed the searching behavior of the trainees (practicing public health professionals). A survey was developed and administered on-site prior to training with an identical follow-up survey mailed 1-3 months following the training. The survey was administered to all training participants once. (Some trainees took two different training sessions) All surveyed were asked to address a blank envelope to themselves when completing the pretraining survey. The posttraining surveys were coded so that a statistical analysis (paired T-tests) could be run to determine if there was a significant difference in the reported behavior of each subject posttraining.

In addition onsite evaluations were conducted immediately following the training. This consisted of a simple question regarding whether the participants' training expectations were met and a few open-ended questions regarding the training.

Another outcome measure was statistics relating to the actual use of the site. This might be regarded as a measure of the effectiveness of the needs assessment as a guide to developing a site that would be used by public health professionals.

RESULTS

Sixty-one posttraining surveys were received for a 60% return rate, based on 101 pretraining surveys. Questions re frequency of searching specific sites and attitudes regarding searching the Internet were asked. Modest but significant changes were detected in the frequency with which participants searched the HiPHIVE web site, MEDLINE, and MedlinePlus. There were also small but significant changes in their attitudes toward searching the Internet for information. Respondents felt they knew where to begin searching and knew where to find high quality public health information on the Internet.

The onsite training evaluations indicated that with regard to all the training, participants' expectations were exceeded or met in 96% of the cases.

As anticipated, use of the HiPHIVE website increased dramatically as the training sessions progressed and the site was linked from the Hawaii DOH website. Website statistics were collected using the WebTrends software. During the first three quarters of its existence, (January - September, 2000), the website averaged over 200 individual sessions per day with peak use directly following training sessions. Even though the training portion of the grant was completed last June, the website continues to show steady use.

CONCLUSIONS

After a careful analysis of the needs assessment, the website was created and formally launched in November 1999. Training sessions were conducted on four of the major islands in the State of Hawaii and the website address was widely publicized. The website, residing on the HML Internet server, continues to be maintained and continues to be used by public health professionals. The goals of the grant were met.

TRAINING SITES Honolulu, Oahu, 7 sessions, Department of Health Training Classroom
 Kaneohe, Oahu, 1 session, Hawaii State Hospital
 Kealahou, Hawaii, 2 sessions, Kona Community Hospital
 Hilo, Hawaii, 2 sessions, Diabetes Center, Hilo Shopping Center
 Lihue, Kauai, 2 sessions, Kauai District Health Office
 Kahului, Maui, 2 sessions, Maui Community College

FOLLOW-UP

Follow-up included conducting a posttraining survey, which was mailed to all trainees. Tanji and Berglund continue to maintain the HiPHIVE website and also to report on the grant results at conferences. They conducted a presentation, HiPHIVE — The Hawaii Public Health Information Virtual Emporium, at the Internet Librarian 2000 conference in Monterey, California on November 7, 2000. In addition, their abstract, Bringing Public Health Information and Internet Training to Underserved Professional Populations via the Internet and a Portable LAN, has been accepted for the Medical Library Association Conference in Orlando, Florida in May 2001.

ENTRY MONTH [TO BE COMPLETED BY NLM]

LAST REV DATE [TO BE COMPLETED BY NLM]

GENERAL NOTES Latest report dated 001114, covering the period July 1, 2000 – September 30, 2000

Q-PROMOTION/MARKETING

Marketing efforts included advertising in the Hawaii Medical Library Newsletter, the Hawaii Public Health Association Newsletter and on the HML and UHSPH websites. The Hawaii Department of Health sent flyers throughout the state and promoted the website and training in numerous newsletters and email announcements initiated via the Department of Health. Berglund and Tanji individually contacted working professionals who were interested in the training. Additional exposure for the project was obtained when Berglund and Tanji gave

presentations at the Hawaii Library Association Annual Conference in November 1999 and at the Hawaiian-Pacific Chapter of the Special Library Association's Professional Development Meeting, on April 8, 2000.

Q-TRAINING ISSUES

Four different two hour training sessions were developed, each one using the HiPHIVE website as the basis for the session. The sessions were called Public Health Internet Resources for the Neophyte, Hands-on HiPHIVE, Beyond Yahoo, and HiPHIVE Virtual Tour. The first two programs were designed for those with limited computer/Internet skills and contained substantial hands-on assistance. The remaining two sessions were largely demonstrations and designed for those already comfortable using the Internet. However, individual sessions were adapted based on the interests of the participants. Using the registration forms as a basis, Berglund & Tanji were especially attentive to showcasing unique Internet resources useful for each participant. Specifically the registration forms asked each participant to list the title of their position, their specific area of interest and their primary concern regarding the Internet. It was challenging to meet the needs of participants who came with a range of experience and expertise with computers and the Internet.

In all a total of 16 sessions were conducted: 8 on Oahu, 2 on Kauai, 2 on Maui, and 4 on the island of Hawaii. The smallest, and the first, had only 3 attendees while the largest on Kauai had over 30 eager participants. The total number of trainees who participated in all sessions was 148. Of these, 49 attended two sessions; thus there were a total of 101 unique individuals who were trained during the grant period.

Q-EQUIPMENT/TELECOMMUNICATIONS

In order to provide hands-on training opportunities to the individuals who needed it most, Berglund and Tanji utilized a four-station portable LAN. This arrangement allowed them to take their sessions throughout the state with participants providing nothing more than a room with tables & chairs, electrical power and a single telephone line. Internet access was provided via an HML purchased account with a local Internet service provider. The LAN consisted of four Winbook laptop computers, a 3COM OfficeConnect 10 station LAN modem, network hub and assorted electrical and network cables. The LAN was transported in two compact rolling suitcases small enough to be used as carry on luggage. Because the LAN was capable of connecting to up to 10 computers, Berglund and Tanji were able to connect onsite computers to the LAN thus increasing the number of participants who could benefit from the hands-on practice without bringing more equipment than they could carry.

A local Internet service provider who had local access lines on each island was also critical to the success of the training. One 56K modem connected to a single telephone line turned out to provided adequate response time for as many as eight computers searching simultaneously.

Q-PERSONNEL/STAFFING

The project was jointly managed by Berglund and Tanji, with Breinich and Hawaii Medical Library's administrative staff providing assistance with the fiscal portions. For the most part this worked well. Both Hawaii Medical Library and the School of Public Health recognized the value

of the work of the grant; however, working on the grant was in addition to the responsibilities of Berglund's and Tanji's respective positions.

Q-BARRIERS

Developing the needs assessment tool and the pretraining/posttraining survey took much longer than anticipated. Even then, as the analysis was completed it was clear that despite some pilot testing, other questions could have been asked. Determining what could be measured and writing questions that actually measured that requires expertise and experience. Tanji had taken graduate level courses on survey design and analysis but the translation of this knowledge into an actual product was a challenge. They hope that they have the beginnings of a simple instrument that perhaps can continue to evolve, since other librarians have expressed interest in it.

Another problem Berglund & Tanji faced was the size of the facility at Kealahou. They realized that they needed to be explicit about their room size requirements after several registrants were turned away due to lack of space. Also there were some minor problems in configuring the computers, contacting the Internet provider, etc. which could have become major obstacles had Berglund not had a lot of technical expertise with hardware and software. This prevented the problems from escalating into major ones.

Feedback from the training evaluations indicated that for the most part participants were very satisfied with the training; however, a few indicated that too much was covered during the session and that the pace of the training was too fast. This they believe is because in each group there was a wide range of Internet familiarity and computer expertise.

Q-RECOMMENDATIONS

Using the website as a basis for training proved to be a successful and workable model. The training included showing participants how to use the website as a starting point. Participants were then able to return to their work settings and access the site that they had already searched and found relevant links.

The network of contacts that Berglund and Tanji had prior to the grant proved invaluable in conducting the needs assessment, setting up training sessions in a variety of community locales and gaining widespread acceptance of the project. These contacts are invaluable to the success of any project in the community.

Finding a good local contact for help with publicizing the training sessions is also critical to the success of the training. Busy health professionals are not always the best contacts when setting up training dates and publicizing that information. Although health professionals who had a strong interest in the training themselves proved to be excellent contacts as well.

Never schedule training sessions for non-working days. In spite of assurances that people are interested in continuing education and that Saturday sessions will be welcomed by people who cannot get away from their work, this was not true.

Generously account for planning time and then double it. The extra time spent by Berglund and Tanji in the planning stages added considerably to the success of both the website and the training sessions and helped foster the continuing support of the Hawaii DOH.

If any kind of survey or needs assessment tool is to be used and an existing one cannot be adapted, project managers should be aware that considerable technical expertise and time is required to develop one from scratch. (An early search of the literature did not turn up any usable and easily replicated instruments.)

Many onsite training survey models exist that are more easily quantifiable. In retrospect, it would have been useful to use those models.

Q-IMPACT

The objectives were met. Berglund and Tanji developed and administered a needs assessment, the results of which provided the basis for developing and organizing the HiPHIVE website. Their training program reached the target audience and then some. They were able to work with public health professionals on four major Hawaiian Islands. The laptop LAN proved a very successful method of providing hands-on training where computer facilities are limited or non-existent. The laptop LAN was so successful that its use is being replicated by a consumer health grant within Hawaii and by PSRML for their outreach program.

All participants of the training sessions were asked to complete an evaluation of the session they attended as well as a follow-up survey on their continued use of the HiPHIVE website and value of the training. The website statistics and the survey results confirm continued use of the HiPHIVE website and value of the training.

The official Hawaii DOH site includes a link to the HiPHIVE website. Also, Tanji was recently contacted by a physician consultant working for the Hawaii DOH. He is developing a publication regarding grant writing resource materials for Department of Health employees and other health professionals to use and wanted to include the HiPHIVE website as a resource available to grantwriters. Another DOH employee who was trained in one of the early sessions has used the site in talks and training sessions she conducts for other health professionals.

The HiPHIVE site is also linked from the "Related Health Services Research Web Sites" page of the official website of National Information Center on Health Services Research and Health Care Technology (NICHSR) of the National Library of Medicine. The needs assessment has been mentioned in the SEA Currents January/February 2000 Newsletter as a tool that can be "adapted and adopted by health information professionals, countrywide."

HiPHIVE

(Hawaii Public Health Information Virtual Education)

Who? We need you, the public health professional, who needs accurate, up to date information and materials to make quality decisions to act efficiently and effectively. We need you to take 15 minutes now to complete a confidential needs assessment.

What? We believe there is a need for a Hawaii friendly way to search the Internet and local and national databases for medical and public health information and data. The assessment you give us will help us design a user-friendly process.

Why? You have precious little time to spend getting the "right stuff" to do your work. We hope that you also think it is worth doing better— especially for public health in Hawaii.

How? With your input, we are planning a website and training that will enhance the way you can access the information necessary for your public health practice. The Hawaii Medical Library (HML) in partnership with the School of Public Health (SPH), University of Hawaii at Manoa has received a two-year grant from the Partners in Information Access for Public Health Professionals Project of the National Library of Medicine to work with you on this.

When? By the end of June we expect to complete the initial development of the website and by early fall we expect to start training sessions at sites throughout the state.

Where? Please watch for the announcements.

Sharon Berglund, Reference/Education Services Librarian at HML, and Virginia (Ginny) Tanji, SPH Librarian, look forward to receiving your survey by . Send the surveys to us by mail or by messenger

Virginia Tanji
School of Public Health Library
University of Hawaii at Manoa
1960 East West Road, Room D-206
Honolulu, HI 96822

or

Sharon Berglund
Hawaii Medical Library
1221 Punchbowl Street
Honolulu, HI 96813

Please contact Sharon Berglund (536-9302, berglund@hml.org) or Virginia (Ginny) Tanji (956-8666, tanji@hawaii.edu). If you have any questions, we would like to hear from you.

1. How often do you use the following to obtain work-related information/data?

(Please check the appropriate boxes.)

	<i>Daily</i>	<i>Weekly</i>	<i>Monthly</i>	<i>Rarely</i>	<i>Never</i>
<u>Print sources</u>					
Dictionaries	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Government publications	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journals (personal collection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Journals (library collection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newsletters	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Newspapers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Telephone directories	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Textbooks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Work manuals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Electronic/Internet Sources</u>					
Databases					
AIDSLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CANCERNET	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MEDLINE					
via PubMed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
via Internet Grateful Med	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
through Hawaii Medical Library	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other :	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TOXNET	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TOXLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other :	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Search engines (such as AltaVista,					
Yahoo, Excite, Infoseek, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Personal bookmarks:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Websites:					
hml.org	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
www.hawaii.edu/sphlib	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
www.cdc.gov	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic discussion lists/listservs:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CD-ROM databases					
MEDLINE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other :	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<u>Other Sources</u>					
Colleagues	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Conferences/Workshops	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Libraries/Librarians	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. How often do you use the computer for the following activities?

	<i>Daily</i>	<i>Weekly</i>	<i>Monthly</i>	<i>Rarely</i>	<i>Never</i>
Wordprocessing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Spreadsheet analysis	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Database creation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Database searching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
E-mail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet searching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Do you have access to a computer and/or the Internet at the following locations?

	Computer access		Internet access	
	<i>Yes</i>	<i>No</i>	<i>Yes</i>	<i>No</i>
Personal workspace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shared workspace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. I learned to use electronic resources (please check all that apply):

- ☐ by teaching myself ☐ by attending workshops/course/classes
☐ from colleagues ☐ from friends/relatives
☐ from librarians ☐ other : _____
☐ I have not used electronic resources.

5. *If you do not search the Internet:*

I do not search the Internet because I (please check all that apply):

- ☐ don't know how ☐ don't think the Internet has the information I need
☐ don't have time ☐ don't have access to the Internet
☐ other : _____

6. We are working on a public health information website tailored specifically to the needs of local public health professionals. This website could serve as a starting point for your search of Internet resources and databases. Please help us by answering the following questions.

What kind of information/data links would you find most helpful?

What are your favorite listservs or electronic discussion groups?

What are your favorite search engines?

What are your favorite websites? (Please give name and/or address.)

In your opinion, what are the biggest barriers to getting information from the Internet?

7. What is (are) your preferred mode(s) of training? (Please check all that apply.)

- | | |
|---|--|
| <input type="checkbox"/> Hands on | <input type="checkbox"/> Training session |
| <input type="checkbox"/> Demonstration | <input type="checkbox"/> Reading a manual/instructions |
| <input type="checkbox"/> Internet tutorial | <input type="checkbox"/> Consultation via e-mail |
| <input type="checkbox"/> In-person consultation | <input type="checkbox"/> Other: _____ |

8. Finally we need some information to help us interpret this data.
(Please check the appropriate boxes.)

Gender: ☐ Male ☐ Female

Age: ☐ 18-34 years ☐ 35-54 years ☐ 55+ years

What is your highest degree?

- | | | | |
|--|----------------------------------|-------------------------------|---------------------------------------|
| <input type="checkbox"/> High school diploma | <input type="checkbox"/> BA , BS | <input type="checkbox"/> MPH | <input type="checkbox"/> MD |
| <input type="checkbox"/> MA, MS | <input type="checkbox"/> PhD | <input type="checkbox"/> DrPH | <input type="checkbox"/> Other: _____ |

How long have you worked in public health/health care?

- ☐ 0-1 year ☐ 2-5 years ☐ 6-10 years ☐ 11-20 years ☐ Over 20 years

What island do you work on?

- ☐ Kauai ☐ Oahu ☐ Molokai/Lanai ☐ Maui ☐ Hawaii (Big Island)

9. Please check the one category that best describes your area of interest:

- | | |
|--|--|
| <input type="checkbox"/> Administration/Management | <input type="checkbox"/> Health Education/Promotion |
| <input type="checkbox"/> Aging | <input type="checkbox"/> Health Planning/Policy |
| <input type="checkbox"/> Alcohol, Tobacco, & Drug Abuse | <input type="checkbox"/> Injury Control/Emergency Services |
| <input type="checkbox"/> Chronic Disease | <input type="checkbox"/> Maternal-Child Health |
| <input type="checkbox"/> Clinical Care (Medical/Nursing) | <input type="checkbox"/> Mental/Behavioral Health |
| <input type="checkbox"/> Communicable Diseases | <input type="checkbox"/> Nutrition |
| <input type="checkbox"/> Dentistry/Oral Health | <input type="checkbox"/> Occupational Safety/Health |
| <input type="checkbox"/> Developmental Disabilities | <input type="checkbox"/> Public Health Nursing |
| <input type="checkbox"/> Environment/Toxicology | <input type="checkbox"/> Rehabilitation |
| <input type="checkbox"/> Epidemiology | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Family Planning | |

10. Please use this space for additional comments or questions you have regarding this survey/project.

Thank you very much for your help!!!

©1999 Virginia M. Tanji and Sharon Berglund

HiPHIVE Needs Assessment, Summary Findings							
Convenience sample; distributed 150 to members of the Hawaii Public Health Association and copies to approximately 100 departments in the Hawaii Department of Health.							
Total Returned		95					
DEMOGRAPHICS							
	Number	Percentage		Number	Percentage		
Gender			Age				
Male	30	34.9	18-34 yrs	8	8.4		
Female	56	58.9	35-54 yrs	57	60.0		
Unknown	9	9.5	55 yrs +	23	24.2		
Total Returned	95	100	Unknown	7	7.4		
			Total	95	100.0		
	Number	Percentage		Number	Percentage		
Years of Experience			Island				
0-1 year	3	3.2	Kauai	4	4.2		
2-5 years	12	12.6	Oahu	72	75.8		
6-10 years	20	21.1	Molokai/L.	3	3.2		
11-20 years	17	17.9	Maui	5	5.3		
over 20 years	36	37.9	Hawaii	4	4.2		
Unknown	7	7.3	Unknown	7	7.3		
Total	95	100.0	Total	95	100.0		
	Principal		Secondary	Total			
Area Of Interest							
Admin/Management	16		2	18			
Aging	3		3	6			
Alcohol/Tobacco/Drug Abuse	3		1	4			
Chronic Disease	7		2	9			
Clinical Care	2		2	4			
Communicable Disease	5		0	5			
Dentistry/Oral Health	1		0	1			
Developmental Disabilities	0		1	1			
Environ/Toxicology	4		1	5			
Epidemiology	2		3	5			
Fam Planning	2		1	3			
Health Ed/Promotion	7		5	12			
Health Planning/Policy	5		5	10			
Injury Control/Emer. Svcs.	0		2	2			
Maternal-Child Health	5		2	7			
Mental/Behavioral Health	12		5	17			
Nutrition	3		4	7			
Occup Safety/Health	2		0	2			
Pub Health Nursing	5		1	6			
Rehabilitation	1		1	2			
Other	3		7	10			
Unknown	7			7			
Total	95						
	Daily	Weekly	Monthly	Rarely	Never	Unknown	Total
Use of Print Materials							
Dictionaries	12	35	20	19	5	4	95
Government Documents	12	28	28	21	2	4	95
Personal Journal Collection	1	15	28	38	6	7	95
Library Journal Collection	10	26	25	18	10	6	95
Work Manuals	10	26	22	26	5	6	95
Newsletters	5	33	36	13	3	5	95
Newspapers	55	13	7	12	4	4	95
Telephone Directories	35	34	10	11	2	3	95
Textbooks	8	22	21	34	5	5	95
Total	148	232	197	192	42	44	

	Daily	Weekly	Monthly	Rarely	Never	Unknown	Total	
Use of Print Materials								
Dictionaries	12	35	20	19	5	4	95	
Government Documents	12	28	28	21	2	4	95	
Personal Journal Collection	1	15	28	38	6	7	95	
Library Journal Collection	10	26	25	18	10	6	95	
Work Manuals	10	26	22	26	5	6	95	
Newsletters	5	33	36	13	3	5	95	
Newspapers	55	13	7	12	4	4	95	
Telephone Directories	35	34	10	11	2	3	95	
Textbooks	8	22	21	34	5	5	95	
Total	148	232	197	192	42	44		
	Daily	Weekly	Monthly	Rarely	Never	Unknown	Total	
Use of Electronic Resources								
Aidsline	1	2	4	18	55	15	95	
Cancernet	0	2	7	21	51	14	95	
MEDLINE								
PubMed	1	7	9	22	38	18	95	
Internet Grateful Med	1	5	9	16	40	24	95	
Medline via HML	0	1	7	21	42	24	95	
Other Medline	1	2	2	5	28	57	95	
CD-ROM Medline	0	4	7	19	50	15	95	
Toxline	0	1	1	13	58	22	95	
Toxnet	0	1	2	11	61	20	95	
Other databases	0	4	1	5	23	62	95	
Other CDROM	1	0	2	2	33	57	95	
Total	5	29	51	153	479			
	Yes	No	Unknown					
Medline, Ever Used	48	31	16					
Use of Internet								
Search Engines	30	25	8	9	16	7	95	
Personal Bookmarks	27	16	5	4	19	24	95	
HML Website	4	4	5	16	44	22	95	
SPH Website	1	6	7	16	43	22	95	
CDC Website	1	12	18	18	29	17	95	
Other Websites	5	5	3	3	21	58	95	
Electronic Discussion Lists	9	7	2	9	38	30	95	
	Daily	Weekly	Monthly	Rarely	Never	Unknown	Total	
Other Sources								
Colleagues	31	29	18	5	8	4	95	
Conferences/Workshops	0	7	41	33	7	7	95	
Libraries/Librarians	2	12	28	37	11	5	95	

Computer Use								
Wordprocessing	75	10	3	3	3	1	95	
Spreadsheet Analysis	12	16	14	21	24	8	95	
Database Creation	6	11	15	29	24	10	95	
Database Searching	11	19	17	26	14	8	95	
E-mail	73	7	3	4	6	2	95	
Internet Searching	32	29	12	8	7	7	95	
Other computer use	1	1	1	1	4	87	95	
	Yes	Percentage	No	Percentage	Unknown	Percentage	Total	Percentage
Computer Access								
Personal Workspace	75	79%	14	15%	6	6%	95	100%
Shared Workspace	47	49%	10	11%	38	40%	95	100%
Home	74	78%	17	18%	4	4%	95	100%
Other	3	3%	4	4%	88	93%	95	100%
Internet Access								
Personal Workspace	57	60%	31	33%	7	7%	95	100%
Shared Workspace	39	41%	18	19%	38	40%	95	100%
Home	62	65%	29	31%	4	4%	95	100%
Other	3	3%	4	4%	88	93%	95	100%
Learned E-resource Use	Total							
Self-taught	76							
Colleagues	61							
Librarians	23							
Workshops	50							
Friends/relations	56							
Other	3							
Unknown	3							
Note: Respondents checked all that applied. The column labeled total is a summary of the responses.								
	Yes	No	Unknown					
Use Internet	74	19	2					
Reasons for not using	Total							
Don't know how	14							
Don't have time	7							
Don't think internet has info	3							
Don't have access	6							
Other	1							
Note: Respondents checked all that applied. The column labeled total is a summary of the responses.								

Preferred Training Mode	Total			
Hands--on	75			
Demonstration	44			
Internet Tutorial	24			
In-person Tutorial	47			
Training Sessions	50			
Reading a Manual	22			
Consult Via E-mail	16			
Other	1			
Note: Respondents checked all that applied.				
The column labeled total is a summary of the responses.				

Training Evaluation

Class _____
Place _____
Date/Time _____

Sharon Berglund and Virginia Tanji, Trainers

1. This training session:
 ___ exceeded my expectations
 ___ met my expectations
 ___ did not meet my expectations because: _____

2. What was the most useful thing you learned from this session?
3. What was the least useful part of this session?
4. How do you think this training will change the way you obtain information related to your practice of public health?
5. Is there a question you still have? Please write it here. (We will post the question and response to all trainees on the website.)
6. Please comment on handouts, agenda, etc..

Summary of HiPHIVE Onsite Training Evaluations

	Neophyte	Beyond Yahoo	VIRTUAL TOUR	Combination	Total
Exceeded	39% (16)	65% (25)	48% (15)	45% (13)	49% (72)
Met	59% (24)	30% (14)	45% (14)	52% (15)	45% (66)
Not Met	2% (1)	2% (1)	0% (0)	0% (0)	3% (4)
Unknown	0% (0)	2% (1)	0% (0)	3% (1)	1% (2)
Total	100% (41)	100% (43)	100% (31)	100% (29)	100% (147)

Selected Comments:

I feel like I here the world at my fingertips now! A great beginning!

How to make my searches more fruitful. Excellent training. The HiPhive site meets my needs to a "T."

How to search the HiPHIVE site efficiently and effectively. –Different search engines, sites, etc. –narrowing searches, book marking etc.

*HiPHIVE site, how to narrow search reputable public health sites.
HiPhive site/ links –great*

Going through the process step by step. Going through the HiPhive website.

How to effectively use the tools associated with being on the internet and being able to access reliable information.

Knowing the availability if HiPhive because always searching for items – health, without a lot of success- hit or miss.

Also many comments about the usefulness of bookmarks; using various search engines; and evaluating sites.

From the same session, three different points of view:

I enjoyed the training. Although I am familiar with the internet, I did learn many new ways to make my searches more efficient.

Agenda complete for such a short time. Handouts useful

The pace of presentation was too fast. Note: there were some of these comments especially from the neophyte group.

Handouts:

A number of trainees wanted more extensive training manuals and handouts. Some of these needs were satisfied by referring participants to other tutorials.

HiPHIVE Pre-Training Survey

Class _____

Date _____, Time _____

Place _____

1. Do you have access to a computer and/or the Internet at the following locations?

	Computer access		Internet access	
	Yes	No	Yes	No
Personal workspace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Shared workspace	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Home	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Other: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2. How often do you use the computer for the following activities?

	Daily	3x Week	Weekly	Monthly	Rarely	Never
E-mail	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet searching with Yahoo	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Internet searching with other search engines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Searching MEDLINE database	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing DOH site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing HiPHIVE site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing Haw Med Lib site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing SPH Lib web site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing CDC site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing MEDLINEplus site	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Accessing Natl Prev Guidelines	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Using other public health sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Please specify sites: _____						

3. I learned to use Internet electronic resources (please check all that apply and **circle** the one that's been the most important):

- | | |
|--|---|
| <input type="checkbox"/> by teaching myself | <input type="checkbox"/> from workshops conducted by librarians |
| <input type="checkbox"/> from colleagues | <input type="checkbox"/> from other workshops, classes |
| <input type="checkbox"/> from librarians informally | <input type="checkbox"/> from friends/relatives |
| <input type="checkbox"/> other : _____ | |
| <input type="checkbox"/> I have not used electronic resources. | |

4. If you do not search the Internet:

- I do not search the Internet because I (please rank 1-5 with one being the most important):
- | | |
|---------------------|---|
| ___ don't know how | ___ don't think the Internet has the information I need |
| ___ don't have time | ___ don't have access to the Internet |
| ___ other : _____ | |

5. In your opinion, what are the biggest barriers to getting information from the Internet?

6. When I search the Internet for information:

	<i>Strongly Agree</i>	<i>Agree</i>	<i>Neutral</i>	<i>Disagree</i>	<i>Strongly Disagree</i>
I have an idea of where to begin my search	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I find relevant, high quality information	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I have an understanding of what I might be able to find on the Internet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I can find what I'm looking for fairly quickly	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know whom to ask for help	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know where I might find good links to high quality public health sites	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
I know how to evaluate the merit of a website	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7. Finally we need some information to help us interpret this data.

(Please check the appropriate boxes.)

Gender: ☐ Male ☐ Female

Age: ☐ 18-34 years ☐ 35-54 years ☐ 55+ years

What is your highest degree?

☐ High school diploma ☐ BA , BS ☐ MPH ☐ MD
☐ MA, MS ☐ PhD ☐ DrPH ☐ Other: _____

How long have you worked in public health/health care?

☐ 0-1 year ☐ 2-5 years ☐ 6-10 years ☐ 11-20 years ☐ Over 20years

What island do you work on?

☐ Kauai ☐ Oahu ☐ Molokai/Lanai ☐ Maui ☐ Hawaii (Big Island)

Place of employment?

☐ State Department of Health ☐ University of Hawaii ☐ Non-profit agency
☐ Hospital ☐ Other

Please feel free to make any additional comments re this survey, the training, the website in the space.

THANK YOU VERY MUCH for your assistance in completing this survey. All information is confidential and only aggregated information will be reported.

Pretraining Posttraining HiPHIVE Survey Results

Setting and Subjects:

The pretraining survey was administered on-site prior to the training sessions to all participants. The posttraining survey was mailed 1-3 months following the training

N = 101 pre-training surveys

N= 61 post-training surveys; 60% return rate

The following tables summarize the results of this survey.

Demographics:

Gender:

	Number	Percentage
Male	8	13.
Female	53	87
Total	61	100

Age:

Age Range	Number	Percent
18-34 years	4	6.6
35-54 years	41	67.2
55 years +	15	24.6
Missing	1	1.6
Total	66	100.0

Education

	Number	Percent
High School	2	3.3
BA, BS	18	29.5
MPH	11	18.0
MA, MS	15	24.6
MD	1	1.6
Other	14	23.0
Total	61	100.0

Experience

Years	Number	Percent
0-1	7	11.5
2-5	7	11.5

6-10	18	29.5
11-20	6	9.8
Over 20	23	37.7
Total	61	100.0

Locale (Island)

Island	Number	Percent
Kauai	16	26.2
Oahu	26	41.0
Maui	11.5	11.5
Hawaii(Big Island)	13	21.3
Total	61	100.0

Employment

Employer	Number	Percent
State Dept of Health	40	65.6
Hospital	9	14.8
University of Hawaii	5	8.2
Other	6	9.8
Non-Profit Agency	1	1.6
Total	61	100.0

Computer and Internet Access

All participants indicated that they had some kind of access to computers in their workplace and/or their homes. With regard to Internet access, 93.4% (57) reported having access to the Internet at work or at home and only 6.6% (4) reported no access.

TABLE 1

T-Test summarizing changes in participants pretraining and post-training behaviors/

The question here was “How often do you use the computer for the following activities:

The responses can be interpreted as follows:

0	=	Never
1	=	Rarely
2	=	Monthly
3	=	Weekly
4	=	3 times per week
5	=	Daily

The following table reports the Pretraining and Posttraining mean. A paired sample t-test was run and significant differences were detected among these variables:

Item	Pretraining Mean	Posttraining Mean	t-value	Sig. (2-tailed)
Email	4.41	4.39	.228	
Search MEDLINE	0.83	1.52	-4.14	.000
Access MEDLINEplus	0.29	.98	-4.20	.000
Access HiPHIVE	0.20	1.74	-8.20	.000
Access DOH	1.02	1.67	-3.68	.00
Access HML	0.50	1.14	-3.18	.00
Access SPH	0.10	.55	-4.85	.00
Access CDC	1.13	1.51	-2.73	.00
Access NPrev Guidelines	0.39	0.76	-4.22	.00
Search w/Yahoo	1.94	2.30	-1.83	.000
Search w/Other	2.55	2.80	-1.48	.000

Paired samples t-test summarizing changes in participants pretraining and post-training attitudes.

I have an idea of **where** to begin my search

I find **relevant**, high quality information

I have an understanding of **what** I might be able to find on the Internet

I can find what I'm looking for fairly **quickly**

I know whom to ask for **help**

I know where I might find good links to high **quality** public health sites

I know how to **evaluate** the merit of a website

The responses can be interpreted as follows:

- 1 = Strongly Disagree
- 2 = Disagree
- 3 = Neutral
- 4 = Agree
- 5 = Strongly Agree

Item	Pretest Mean	Posttest Mean	t	Sig. (2-tailed)
Where	3.49	4.18	-5.83	.000
Relevant	3.56	3.87	-2.55	.014
What	3.50	4.0	-4.13	.000
Quickly	2.71	3.31	-4.91	.000
Help	2.90	3.84	-5.72	.000
Quality	2.64	4.05	-8.66	
Evaluate	2.29	3.50	-9.00	.000

Thus, modest but significant changes were noted in the participants attitudes toward searching for information on the Internet. Note that one of the largest differences was noted regarding knowing where to go for good links to high quality information. The training always emphasized going from starting at the HiPHIVE site for some excellent quality links to public health information.

A paper more fully explaining and examining these findings is being prepared.

**Partners in Information Access Projects
Quarterly Report**

**Project: Public Health Information Link (P.H.I.L.) for Nevada
Institution: Savitt Medical Library, University of Nevada
Reno, Nevada**

Purchase order #: 5415-G-9B43700

Submitted by:

**Joan Zenan, Principal Investigator
Savitt Medical Library/306
University of Nevada School of Medicine
Reno, NV 89557-0046
(775) 784-4625**

Quarterly Report

Dates: October 1, 2000 – December 31, 2000.

January 26, 2001

Description of Progress Toward the Projects Major Objectives

I. Administrative Activities

P.I. Joan Zenan was ill and at home much of this quarter, so she was unable to participate in administrative activities.

In mid-October, Terry Henner hired a new web development student. After 3 weeks of less than acceptable performance, the student was let go. In early December, Terry hired another web development student to continue the fine-tuning of the overall web site, the Nevada Public Health Association's page, and especially the gray data/literature project.

II. PLANNING ACTIVITIES

Terry Henner contacted Ray Chua at the Clark County Health District, and talked further with Eileen Columbe at the Washoe County District Health Department about scheduling more classes for their staff.

Joan Zenan participated via e-mail in the planning efforts for a Public Health Information Resources Forum at NLM next spring, spearheaded by Neil Rambo, University of Washington RML and Marjorie Kahn, National Library of Medicine.

Terry met with Stephanie Ernaga, Director of Administrative Services for the Nevada State Public Health Laboratory, to plan for the mounting on the PHIL web site of their Directory of Services. (www.med.unr.edu/2phil/handbook.handbook.htm - since this is a work in progress it is not available to the public yet). This directory is our gray data/literature project. It will provide access to all of the laboratory's rules, regulations, procedures and forms needed by public health professionals to correctly submit specimens for culture. The web site lists the table of contents and a page number. Clicking on a directory page number opens a PDF file that can be downloaded.

III. PUBLICITY/MARKETING ACTIVITIES

Terry Henner attended the Nevada/California Rural Health/Public Health Conference in Minden, NV, November 1-2, 2000. He was the opening speaker at the morning general session on November 2, and he gave a full update on the PHIL project. His talk was well received. Joan Zenan was unable to attend due to her illness.

IV. TRAINING/DEMONSTRATION SESSIONS

Three lecture/hands on training sessions were given for Clark County Health District professionals on November 8th and 9th. Two reporting forms are attached.

One lecture/demonstration session was given at the Washoe County District Health Department for 4 supervisory level staff on October 18th. A reporting form is attached.

On November 1st, Terry gave a 3-hour training session entitled "Internet Resources" to a class of 7 attendees – all public health-related. The class gave CEU credits for nurses. This was a preconference course before the NPHA/Rural Health Conference for Nevada and California, November 2-3, 2000. A report form is attached.

On December 12th, Terry gave a 15-minute introduction to the PHIL training program for the new professional hires at the Washoe County District Health Department. There was no time to pass around a sign in sheet, so no reporting form is included. There were approximately 25 people in attendance and they were enthusiastic about some future training. Terry will follow up with Eileen Columbe on scheduling training classes before the end of the grant period.

V. Exhibits (if applicable)

None this quarter.

Lonesome Doc/Document Delivery Activities

There were 8 Lonesome Doc requests this quarter.

VI. Evaluation Activities

Patty Charles' research assistant continues to input evaluation data that is collected at each training session. The final analysis of the class evaluation data will take place toward the end of the project.

VII. PROBLEMS/CORRECTIVE ACTION

A demonstration booth was to be set up near the registration desk at the Nevada Public Health Association/Nevada Rural Health Association during their meeting in Minden, NV, on November 1st and 2nd, so we could demonstrate live PubMed searches and use of the Internet to find answers. Unfortunately, the promised live hook up was not available, so this activity did not take place.

VIII. Problems/Corrective Action continued:

We continued to focus on getting a stable and hardworking web development student and finally did so in early December.

We continued to work with a Washoe County District Health Department administrator to set up more training sessions, and finally were able to schedule two other sessions, though one ended up being only a 15 minute information session.

IX. LESSONS LEARNED/SIGNIFICANT FEEDBACK

None this quarter.

X. Projected Activities for Next Quarter

The web development student will complete the PHIL web site, including planning for and implementation of a “gray data” project with the Nevada State Health Lab.

If there is time before the end of the quarter, we will provide some training sessions for the REMSA staff , Reno’s Regional Emergency Medical Services Authority.

Additional training sessions will be given for Washoe County District Health Department staff if they can find the time for us to come to them.

An informal focus group session will be held with some staff at the Clark County Health District office in January to get some feedback on the PHIL project and their participation.

A final evaluation report will be prepared.

XI. REPORTING FORMS FOR TRAINING/DEMONSTRATION SESSIONS AND/OR EXHIBIT REPORTS

See four attachments.

Appendices

N/A

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: 11/8/00			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify) Session Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED Clark County Health Department			
A. CITY Las Vegas	B. STATE NV	C. ZIP CODE 89102	
D. COUNTY Clark	E. CONGRESSIONAL DISTRICT 1		
7. LENGTH OF ACTIVITY (HOURS) 2	8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PRESENT (>50%)		
11. NUMBER OF PERSONS WHO ATTENDED: 5			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Public Health Nurse		10	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		10	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Terry A. Henner 775/784-4625

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: 11/8/00			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify) Session Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED Clark County Health Department			
A. CITY Las Vegas	B.STATE NV	C. ZIP CODE 89102	
D. COUNTY Clark	E. CONGRESSIONAL DISTRICT 1		
7. LENGTH OF ACTIVITY (HOURS) 2	8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Public Health Nurse		7	
Emergency Medical Services		3	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		10	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Terry A. Henner 775/784-4625

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: 11/9/00

TYPE OF ACTIVITY: ☒ NLM System Session ☐ Technology Awareness ☐ Other (please specify)
☒ Other Internet Session ☐ Train the Trainer

3. ASSOCIATION/INSTITUTION SPONSORING

ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada

4. ASSOCIATION/INSTITUTION CONDUCTING

ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada

5. OTHER COLLABORATING (OR COOPERATING) INSTITUTE:

6. LOCATION WHERE ACTIVITY OCCURRED Clark County Health Department

A. CITY Las Vegas

B. STATE NV

C. ZIP CODE 89102

D. COUNTY Clark

E. CONGRESSIONAL DISTRICT 1

7. LENGTH OF ACTIVITY (HOURS) 2

8. HANDS ON PRACTICE ☐ YES ☒ NO9. CEU ☐ YES ☒ NO
CME ☐ YES ☒ NO10. SIGNIFICANT NUMBER OF MINORITIES ☐ YES
☒ NO PRESENT (>50%)

11. NUMBER OF PERSONS WHO ATTENDED:

CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Public Health Nurse		3	
Emergency Medical Services		6	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		9	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Terry A. Henner 775/784-4625

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: 11/1/00			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify) Session Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Office of Continuing Medical Education, University of Nevada School of Medicine			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Savitt Medical Library PHIL: Public Health Information Links for Nevada			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED Minden NV conference facility			
A. CITY Minden		B. STATE NV	C. ZIP CODE 89423
D. COUNTY Douglass		E. CONGRESSIONAL DISTRICT 2	
7. LENGTH OF ACTIVITY (HOURS) 3		8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. CEU <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PRESENT (>50%)	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Public Health Nurse		3	
Healthcare Administration		4	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		7	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school. 12.

NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Terry A. Henner
775/784-4625

Arizona Internet Connectivity Program
Rural Health Office
University of Arizona
2501 E. Elm St.
Tucson, AZ 85716

October 1, 2000 – December 31, 2000

P.O. # 5415 V BB678 00

Patricia A. Auflick
Rural Health Office
2501 E. Elm St.
Tucson, AZ 85716
(520) 626-7946 ext. 132

January 29, 2001

Arizona Internet Connectivity Program

NUMBER OF LOANSOME DOC REQUESTS

Loansome Doc requests continue to be received from Casa Grande Regional Medical Center. It is not possible to get the actual number from the National Library of Medicine at this time.

Success Stories

See Administrative Activities.

Impact of Information

No report.

Problems

It has been difficult to arrange a travel/training schedule that works for everyone since I work half time at the Rural Health Office and half time at the Arizona Health Sciences Library. I have to make more of an effort during this current quarter to rearrange things to accomplish the goals of this project.

Administrative Activities

Letters have been sent to each of the 18 institutions. Follow-up phone conversations have taken place to ascertain their interest in the project, and to try and determine if they would like to host a training workshop at their site. Part of this follow-up has also included identifying which institutions currently have access to the Internet or have participated in other NLM grants and received hardware, training, and Internet access. It is unclear if those institutions that are currently connected are to continue to be a part of the group of targeted institutions for the purposes of this project.

Interesting developments have arisen during this quarter. First, the Project Director learned about a "Tribal Connections" project originating from the Pacific Northwest Regional Medical Library in Seattle. Although in its infancy, the project is partnering with the Gates Foundation to put computers/information into various tribal health centers and libraries. The Colorado River Indian Tribes (CRIT) in Parker, AZ has been identified as one of the sites. The Project Director for this project has been asked to be the contact person for the Tribal Connections project representing the Arizona Health Sciences Library in Arizona. Note: The CRIT library and museum has participated in an NLM grant in the past and received a computer and printer, workstation, training, and one year's subscription to an Internet service provider.

The second item in which the Project Director is involved is the Virtual Development Center (VDC). In July, the Institute for Women and Technology (IWT) awarded funds to the University of Arizona to establish one of five VDCs nationwide. The project is to support women students in engineering, sciences, and business areas and the IWT requested that U of A concentrate on rural health care and medical informatics for rural users. A brainstorming session was held earlier this fall with faculty, staff, students, and experienced rural health workers to develop some ideas which students in this program will try to implement. One idea was a virtual grandma who could respond to all sorts of requests for information. One included using webtv to connect homes in rural sites to the Internet. The VDC project may be able to provide up to five computers to rural health sites. This Internet Connection Project could provide one year's subscription to the Internet and training. It would be a very positive collaboration and spread funds and resources much more widely. Within the next week or two decisions will be made on where to place the computers. The Project Director is comparing her 18 institutions to see if they overlap with the critical access hospitals/facilities before a final decision is made as to where the hardware will be placed.

The Project Director attended a PubMed Update workshop and has used that information to develop and prepare the content for the workshops.

Activities for Next Quarter

The Project Director will work with Alison Hughes and Dr. Ralph Martinez of the VDC project to try and place computer hardware in some of our sites.

The calendar for training will be finalized.

Workshops will be conducted.

Loansome Doc requests will continue to be filled.

**CAMIL 3 Project
Quarterly Report**

**Project: CAMIL 3
Institution: Savitt Medical Library, University of Nevada
Reno, Nevada**

Purchase order #:5415-G-BB347-00

**Submitted by: Joan Zenan, Principal Investigator
Savitt Medical Library/306
University of Nevada School of Medicine
Reno, NV 89557-0046
(775) 784-4625**

Second Quarterly Report for October 1, 2000 – December 31, 2000.

January 26, 2001

CAMIL 3 PROJECT

I. Description of Progress Toward the Projects Major Objectives

A. Administrative Activities

Joan Zenan, PI, was ill most of this reporting period, so only a minimal amount of administrative contact with Gerald Ackerman was pursued via e-mail.

B. Planning Activities

Gerald Ackerman and Ned Chaney worked on contacting site participants and selecting the correct hardware configurations for their institutions. Ned completed on-site technical assessments of Battle Mountain and Caliente.

Planning for training activities was put on hold until January, when Joan is expected to return to work fulltime.

C. Publicity/Marketing Activities

Terry attended the Nevada/California Rural Health/Public Health Conference in Minden, NV, November 1-2, 2000.

Gerald made phone contact with most of the remaining site coordinators.

D. Training/Demonstration Sessions

Terry gave a training session on Internet Resources at the Nevada/California Rural Health/Public Health Conference in Minden, NV, November 1, but no CAMIL3 participants attended.

E. Exhibits (if applicable) - N/A

II. Loansome Doc/Document Delivery Activities – None this quarter

III. Evaluation Activities – None this quarter

IV. Problems/Corrective Action – N/A

V. Lessons Learned/Significant Feedback – N/A

VI. Projected Activities for Next Quarter

Equipment will be purchased and installed at the Battle Mountain General Hospital-Battle Mountain Clinic, Battle Mountain, NV, and in the Grover C. Dils Hospital-Lincoln County Clinic in Caliente, NV, early in the quarter. All other equipment will be ordered for the

remaining 6 sites by the end of the quarter, which is the end of the project. Also, Ned will conduct technical assessments of the 6 sites to ascertain phone capacity and to coordinate with other funding sources for local ISP connections. Installation will proceed as rapidly as possible, within the human resources available, and within the time frames that work for our remaining sites.

Gerald and Joan will meet with Terry Henner to plan training efforts for all the sites.

Some grant funds will be used to purchase a high quality scan converter for our Pictel videoconferencing system. Then Terry will be able to do some training for our rural sites that also have videoconferencing capabilities. This will save travel time and travel costs, and allow us to give more training sessions for each site, even beyond the grant-funding period.

VII. Reporting Forms for Training/Demonstration Sessions and/or Exhibit Reports – N/A

Appendix - N/A

Project: Valley Care Outreach

Institution: Olive View/UCLA Medical Center

Purchase Order: 5415-G-BB349-00

Submitted by: Marsha Kmec, Principal Investigator
Olive View/UCLA Medical Center 2C2160
Health Sciences Library
14445 Olive View Drive
Sylmar, Ca. 901342

Second Quarterly Report for October 1, 2000 – December 31, 2000

I. Administrative Activities

During this quarter, I contacted the health educators and nutritionists that I had taught during the first quarter and asked if they would like an update on PubMed and an introduction to Loansome Doc. All involved seemed genuinely anxious for this particular class. I also had met several times with administrative staff at North Hollywood to arrange a class for almost forty participants. This would involve an introduction to search engines and also a PubMed introductory class.

A. Planning

Planning involved PowerPoint Demonstrations, handouts that needed to be typed and photocopied, and I was dealing with caterers as luncheons are usually incorporated with the presentations.

We also needed to arrange extra staff coverage within the library (if I was away, we needed to cover bases) and actually was able to extend library hours at our facility (as my time away meant staying later into the evening). This works out well as our customers prefer to use our library quite often during the dinner hour. I also met with supervisors in an effort to coordinate appropriate times for instruction and to see how they could assist me during the presentation.

B. Publicity

Flyers were distributed to administrators prior to the classes. We also relied on telephone calls and word-of-mouth, especially as the physicians frequented our library at Olive View.

C. Training/Demonstration Sessions

“Pub Med Update and Loansome Doc Introduction” was taught December 21, 2000 at MidValley. Three health educators attended and two nutritionists. “Introduction to Search Engines” and “Introduction to PubMed” were taught at North Hollywood to forty health educators, nurses, nurse anesthetists, physicians and clerk typists. Marsha Kmec, Principal Investigator, met with the following Health Educators and Nutritionists: Lusine Meyroyan, Health Educator; Lisa Sage, Senior Health Educator; Rolando Toledo, Health Educator; Marilen Novica, Nutritionist; Scharla Nunes, Nutritionist. A verbal pre-test was held to assist their knowledge of what had been taught previously regarding PubMed. Also, several of these students have been in the library for hands-on experience regarding PubMed. The pre-test proved worthy as most did very well. We then moved on to Loansome Doc and handouts were distributed. Since these folks are moving (have moved recently) to a new facility, I will be providing a brush-up opportunity with hands-on for Loansome Doc. A luncheon was provided for participants.

On December 22nd, 2000 a class was held for almost forty employees at the North Hollywood ValleyCare Clinic. Handouts were distributed for all participants. Most of the participants had very little knowledge of search engines and practically no knowledge

of PubMed. Luncheon was provided to all participants.

II. Loansome Doc/Document Delivery Activities

Loansome Doc was introduced and although it has been implemented, MidValley employees choose to come into the library for their document requests.

III. Evaluation Activities

As participants come to the library for hands-on, I usually assess their knowledge as we go through Pub Med. Other evaluation tools will be utilized in the Spring, 2001.

IV. Problems/Corrective Action

Connectivity is usually a challenge but we have all worked around it. Scheduling still remains a bit of a problem however, we've all managed to meet each other half way.

V. Lessons Learned

Improvise. If something doesn't work, go on to something else. There is no use spending a lot of time on a desktop that has crashed or a projector that won't work. You lose your audience and they don't appreciate the fumbling and mumbling. Have those handouts ready for distribution.

VI. Projected Activities for Next Quarter

I will teach an introductory class for Search Engines and PubMed to Pacoima and Glendale Health Centers.

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 22, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify) Awareness <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer Introduction to Search Engines and Pub Med Update/Introduction			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Olive View/UCLA Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Olive View/UCLA Medical Center			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: North Hollywood Health Center			
A. CITY North Hollywood		B. STATE Ca	
D. COUNTY Los Angeles		E. CONGRESSIONAL DISTRICT 26	
7. LENGTH OF ACTIVITY (HOURS) 1.5 hours		8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO PRESENT (>50%)	
11. NUMBER OF PERSONS WHO ATTENDED: 41			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Registered Nurses	8		
Clerk Typists	16		
Nurse Practitioners	3		
LVN's	3		
Physicians	2		
Techs	2		
Dietician	1		
Certified Nurse Anesthetists	2		
UNIDENTIFIED HEALTH PROFESSIONS			4
TOTAL 41	41		4

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Marsha Kmec – 818-364-4243

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 21, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Pub Med Refresher/Loansome Doc Introductory Session			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Olive View/UCLA Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Olive View/UCLA Medical Center			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION MidValley Health Care Center			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Van Nuys	B. STATE Ca	C. ZIP CODE 91402	
D. COUNTY Los Angeles	E. CONGRESSIONAL DISTRICT 20th		
7. LENGTH OF ACTIVITY (HOURS) One Hour	8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO PRESENT (>50%)		
11. NUMBER OF PERSONS WHO ATTENDED: 5			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Health Educators	3		
Registered Nurse	1		
Nutritionist	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL 5	5		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM:
 Marsha Kmec – 818-364-4243

HEALTH CARE RESOURCES ON THE INTERNET

CALIFORNIA PACIFIC MEDICAL CENTER

SAN FRANCISCO, CALIFORNIA

Purchase Order: 5415 G BB515 00

Submitted January 31, 2001

by:

**Douglas L. Varner, MS, MLS
Library Manager
California Pacific Medical Center
Health Sciences Library
P.O. Box 7999
San Francisco, CA 94120-7999
Telephone: 415/923-3240
Fax: 415/923-6597**

E-mail: VarnerD@sutterhealth.org
Web Site: http://www.cpmc.org/health_library

Quarterly Report for October 1, 2000 through December 31, 2000

Submitted:
January 31st, 2001

National Network of Libraries of Medicine
Outreach Project
Quarterly Report for October 1, 2000 through December 31, 2000
Purchase Order: 5415 6 BB515 00

Outline for Quarterly Report

I. Administrative Activities:

Health Sciences Library staff conducted a 2-part session entitled "Health Information on the World Wide Web" on December 6th, 2000 and December 13th, 2000 from 6:30 PM to 7:45 PM. The sessions were conducted in the Graduate Medical Education Conference Center which has connectivity to the Internet, an LCD projector and a laptop computer. This equipment allowed for an interactive session composed almost entirely of live demonstrations of various Internet resources. The first session consisted primarily of instruction and demonstration of the NLM web site and PubMed. The second session focused on a continuation of the PubMed demonstration, the NLM Gateway, discussion of methodology for evaluation of web resources relating to healthcare and a discussion and demonstration of web sites from each of 4 domain categories: .com, .edu, .org, and .net.

II. Number of Loansome Doc requests: None

III. Success Stories:

Participants gained an increased awareness and understanding of health information resources on the Internet, an appreciation for factors used in evaluating resources including currency, relevance, appropriateness and context of information and an explanation/discussion of Internet domain names: .edu, .com, .net, and .org.

IV. Impact of Information:

Instructors received input from class participants on several topics which participants have had previous difficulty gathering information. The instructors were able to demonstrate how to conduct searches on these topics using PubMed and MedLinePlus.

Demonstrations were also conducted using examples from various domains, discussing common characteristics an end-user encounters when navigating these sites.

V. Problems:

Instructors responded to frustration from participants with the fact that there is not a single full-service site containing comprehensive and reliable health care information which is widely accessible and easy to use. Instructors responded to these concerns by reiterating the need to evaluate resources using parameters discussed in the lecture, reviewing the basics of search skills and parameters for evaluating resources and reviewing sites such as MedLinePlus which can serve as initial gateways to other resources during a search session.

VI. Activities for Next Quarter:

February 6th, 2001: Health Information on the Internet for Seniors
February 21st, 2001: Perinatal Resources on the Internet
March 20th, 2001: Women's Health Resources on the Internet

VII. Addendum's included as a fax:

Invoice for the 2nd quarter
Flyer developed for the December sessions
Copy of article appearing in Partners a quarterly publication outlining community services available from CPMC
Program evaluation form
Course handouts for December sessions (8 pages total).

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 6 th , 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: California Pacific Medical Center (CPMC)			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: California Pacific Medical Center (CPMC)			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: Community Health Resource Center			
6. LOCATION WHERE ACTIVITY OCCURRED Graduate Medical Education Conference Center CPMC			
A. CITY San Francisco		B. STATE CA C. ZIP CODE 94115	
D. COUNTY San Francisco		E. CONGRESSIONAL DISTRICT 8th	
7. LENGTH OF ACTIVITY (HOURS) 1.25 hours		8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PRESENT (>50%)	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
General Public		38	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		38	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school. 12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Douglas L. Varner 4125/923-3240

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 13th, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: California Pacific Medical Center (CPMC)			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: California Pacific Medical Center (CPMC)			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: Community Health Resource Center			
6. LOCATION WHERE ACTIVITY OCCURRED Graduate Medical Education Conference Center CPMC			
A. CITY San Francisco		B. STATE CA	
D. COUNTY San Francisco		C. ZIP CODE 94115	
E. CONGRESSIONAL DISTRICT 8th			
7. LENGTH OF ACTIVITY (HOURS) 1.25 hours		8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PRESENT (>50%)	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
General Public		23	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		23	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Douglas L. Varner 4125/923-3240

Outreach Projects Quarterly Report

“LOS BANOS HOUSE CALLS”

**Memorial Hospitals Association
Modesto CA**

And

Memorial Hospital, Los Banos

Los Banos CA

**Quarterly Report
October - December, 2000**

P.O. # 5415-G-BB327-00
U.S. Congressional District 18
Submitted by Nancy Mangum, MLS
Memorial Hospitals Association
Health Sciences Library and PC Resource Center
P.O. Box 942
Modesto CA 95353
(209) 526-4500 x8200

Report 2, October - December, 2000

Submitted 01/31/01

Los Banos House Calls

QUARTERLY REPORT

October - December, 2000

Number of Loansome Doc requests

None for this quarter.

Setting up the project

The second quarter was spent talking with the Director of the Medical Staff Office at Los Banos, and drafting and sending out publicity. Besides targeting the physicians at Los Banos for PubMed Training, it was decided to include other interested hospital health professionals as well, so the Director of Nursing at Los Banos, Carolyn Nazabal, was included in discussions to get her consent to have her staff participate in the training.

Success stories

The Medical Staff Director has now sent out 2 rounds of publicity. It was decided that staff from the Library would go down to Los Banos once or twice a week, for a given number of weeks, and train whoever could drop in, rather than set up formal appointments. The physicians found that they could not predict accurately when they would be free; this would give everyone more flexibility.

Impact of Information

As of December 31, 2000, no training has taken place. We have set up times and dates for January, 2001 training and have publicized these to the staff.

A further consequence of the Library grant is that we have gotten a higher profile in Los Banos, and Los Banos physicians are taking advantage of our services more than in the past (requests for searches). We have always offered our services to them free of charge, but the physicians rarely take advantage of them.

Problems

We have had some problem getting the attention of the medical staff. Hopefully, our going down two mornings a week for the "drop in training" idea will help.

Next Quarter

Starting January, 2001, we will be in Los Banos one to two mornings per week, and will train physicians and staff at Memorial, Los Banos, on a drop in basis.

Medicine on the Net

Sutter Resource Library
2800 L Street
Sacramento, CA 95816

PO # 5415-G-BB335-00

Submitted by: KD Proffit
Sutter Resource Library
2800 L Street
Sacramento, CA 95816
(916) 733-3880

Report # 2

October 1, 2000 – December 31, 2000

Submitted 1/6/01

LOANSOME DOC REQUESTS

12 requests from consumers
11 requests from affiliated Sutter Health physicians

23 Total Loansome Doc requests for this period

SUCCESS STORIES

I don't know if this counts as a success story, but I think my teaching skills are improving with every class. Students seem to be having more fun as the year goes on and the classes are spilling over into the next hour. I'm getting the students to do more personal research and open up a little more too, so the classes will mean more to them.

IMPACT OF INFORMATION

A home care nurse in our Chronic Care program was a student in a November class and said that this has opened up a whole new world for her. She is giving her patients information now that she didn't know how to find before. She has called us for additional help since the class, so I know she is using the net. I let one student bring her 12-year-old daughter to a class that was not full. The daughter has asthma and I think she found some good self-help sites that she can use.

PROBLEMS

Our first Spanish class that was scheduled for October 31 had no sign-ups. We felt that we publicized it well, but we had no takers. We are offering two more in 2001 and are talking about different marketing techniques. Secondly, we have found that all of these classes are very labor intensive because of the need to update the website lists for each class. Some of the sites I liked to show unreliable health information, in particular, have gone away. All of our staff helps with the updates whenever we can squeeze it in.

ADMINISTRATIVE ACTIVITIES & ACTIVITIES FOR NEXT QUARTER

Continue to update the website lists and concentrate on publicizing the Spanish classes.

MEDICAL WEBSITES IN SPANISH

**Sutter Resource Library
2800 L St. Rm. 600
Sacramento, CA 95816
Updated: January 2001**

<http://www.4woman.gov/Spanish/>

- The National Women's Health Information Center Great site for lots of health topics, especially pregnancy. Includes lots of links to other health web sites in Spanish.

<http://www.salud.com/>

- One of the best health sites on the web for over-all coverage, up-to-date articles, and includes ask-a-doctor section. This is a joint venture of three U.S. medical schools. It has the look of a magazine with lots of pictures.

<http://www.ahrq.gov/consumer/espanoix.htm>

- Agency For Health Care Policy and Research/Clinical Guidelines
Consumer versions of clinical practice guidelines in Spanish

<http://www.ProjectInform.org/spanish/>

AIDS and HIV web site created by Project Inform. Very complete coverage of all aspects of the disease including newest treatment strategies, and specific information for women and children, support groups, etc.

<http://www.geocities.com/HotSprings/spa/7712/entrada.html>

Questions and answers about Alzheimer's Disease

<http://www.medlineplus.gov>

- MEDLINEplus. First-rate site with links to information on diseases, conditions and wellness issues. Click on the Spanish link once you select your topic.

<http://www.ncbi.nlm.nih.gov/pubmed>

- PubMed is the National Library of Medicine's free database to MEDLINE. International in scope, you can limit your search by selecting Spanish language and only articles in Spanish will come up in your search results.

<http://nichy.org/spanish.htm>

El Centro Nacional de Información para Niños y Jovenes con Discapacidades NICHY is the national information and referral center that provides information on disabilities and disability-related issues for children and youth. Many fact sheets in Spanish

<http://www.mipediatra.com.mx/>

Mi pediatra. Pediatric Advice. Very good site with in-depth articles.

<http://www.noah-health.org>

- N.Y. Online Access to Health, a joint project by N.Y. Academy of Medicine New York Public Library, and others. This is a bilingual site to health information with search engine, browsing access and links to additional sources of Spanish materials.

NOTE: Search words must be spelled in Spanish.

<http://dns.uncor.edu/links/sitehelp/span.htm>

- Spanish Resources Search the Web

This is a list that compiles the most popular search engines and directory listings in Spanish. The origin of these contributions are mainly Spain and Mexico.

<http://www.cancercare.org/>

Has a link to information in Spanish about clinical trials, caregivers, pain control, fatigue, patient-to-patient network, and end-of-life concerns

http://cancernet.nci.nih.gov/sp_menu.htm

- National Cancer Institute's web site which includes PDQ cancer treatment information.

<http://www.healthfinder.gov/>

- U.S. Dept. Health Human Services – reliable health information on many topics. Selected articles in Spanish.

<http://www.ecomedic.com/em/indice.htm>

Spanish website with a good list of childhood diseases.

<http://www.todobebé.com>

Spanish parenting Website

<http://www.thebody.com/espanol.shtml>

Information about AIDS and HIV in Spanish.

- *The bullets indicate web sites that are maintained by the U.S. government or educational institutions.*

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 10, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System Technology Awareness <input type="checkbox"/> Other (please specify) <input checked="" type="checkbox"/> Other Internet Session Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Sutter Resource Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Sutter Resource Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: None			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sacramento	B. STATE CA	C. ZIP CODE 95816	
D. COUNTY Sacramento	E. CONGRESSIONAL DISTRICT 5th		
7. LENGTH OF ACTIVITY One hour (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Diabetes staff	3		
Library Volunteer	1		
Member of Public		1	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	4	1	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: KD Proffit
916-733-3880

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: November 7, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (specify)			
<input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Sutter Resource Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Sutter Resource Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: None			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sacramento	B. STATE CA	C. ZIP CODE 95816	
D. COUNTY Sacramento	E. CONGRESSIONAL DISTRICT 5th		
7. LENGTH OF ACTIVITY One hour (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Art Therapy Teacher	1		
Office managers	3		
Library volunteer	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	5		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: KD Proffit
916-733-3880

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: November 21, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <div style="text-align: center; margin-top: 5px;"> <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer </div>			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Sutter Resource Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Sutter Resource Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: None			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sacramento	B. STATE CA	C. ZIP CODE 95816	
D. COUNTY Sacramento	E. CONGRESSIONAL DISTRICT 5th		
7. LENGTH OF ACTIVITY One hour (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED: 6			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Member of Public		1	
UNIDENTIFIED HEALTH PROFESSIONS	5		
TOTAL	5	1	

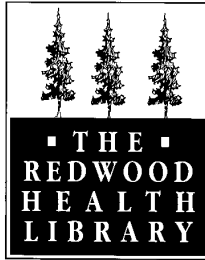
* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: KD Proffit
916-733-3880

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 6, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <div style="text-align: center; margin-top: 5px;"> <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer </div>			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Sutter Resource Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Sutter Resource Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: None			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sacramento	B. STATE CA	C. ZIP CODE 95816	
D. COUNTY Sacramento	E. CONGRESSIONAL DISTRICT 5th		
7. LENGTH OF ACTIVITY One hour (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED: 6			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
UNIDENTIFIED HEALTH PROFESSIONS	3		
TOTAL 3 people	3		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: KD Proffit
916-733-3880



A project of the Petaluma Health Care District

Redwood Health Library's Internet HealthQuest Second Quarter Report -- October - December 2000

Purchase Order 5415-G-BB350-00

Submitted by Eris Weaver, MLIS
January 2001

Redwood Health Library
314 Western Avenue
Petaluma, CA 94952
707-795-2157

Number of Loansome Doc requests: 20

Success Stories:

We are continuing to see a phenomenal growth in Docline requests; our total for the quarter was forty-two. Added to the twenty Loansome Doc requests we received, this is a TEN-fold growth over what we had been averaging before September! Patrons are still finding it easier to phone or fax requests for our staff to process, rather than doing it themselves via Loansome Doc.

On October 16, I gave a 60-minute training session to the six reference librarians at the Petaluma Public Library. It was very well received. They handle a lot of medical questions and have a good print collection; they didn't feel that they knew much about medical resources on the Internet and hadn't much experience on MEDLINE. I don't think they'd ever used MEDLINEplus. They asked if I could make this an annual visit!

In October, we installed a new computer workstation to increase and improve our patrons' access to electronic information. Two patrons can now be working simultaneously.

Impact of Information:

I cannot document this with hard numbers, but it seems that the number of referrals from the public library to the Redwood Health Library may be down. Perhaps the staff there are able to answer more health questions now than they were before my workshop. My overall use statistics are NOT down, however, so this is not a significant impact on RHL; besides, I see reducing the number of steps needed for a patron to get their information as a valuable thing – if they can get it at their first stop, that's great!

Problems:

There were far more glitches in installing and configuring the new computer than anticipated; some were a result of a virus infection on one of the other networked computers. Those issues have been resolved and security increased on the network, which should prevent further problems.

Administrative Activities:

Oct. 9-13	Installed & configured new computer workstation.
Oct. 16	Gave 1 hr workshop for Petaluma Public Library reference librarians.
Nov. 13	Received confirmation letter from Petaluma Adult School re: spring course.

Activities for Next Quarter:

- ◆ Teach class at Petaluma Adult School (February 26)
- ◆ Give public presentation at Redwood Health Library (April)

Attachments:

- ◆ Reimbursement request
- ◆ Outreach Reporting Form for October 16 training session
- ◆ Letter from Kiyo Okazaki, Petaluma Public Library manager
- ◆ Adult School course information
- ◆ Sample advertisements
- ◆ Webpage printouts

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 16, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify) <div style="text-align: center; margin-left: 150px;">Awareness</div> <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Sonoma County Library, Petaluma Branch			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Redwood Health Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED Sonoma County Library, Petaluma Branch			
A. CITY Petaluma	B. STATE CA	C. ZIP CODE 94954	
D. COUNTY Sonoma	E. CONGRESSIONAL DISTRICT 6		
7. LENGTH OF ACTIVITY 1. hours	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED: 6			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Reference librarians		6	
TOTAL		6	

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM:
 Eris Weaver, MLIS phone 707-778-9114 fax 707-765-2076-email erisw@phcd.org

HEALTH INFORMATION RESOURCES FOR SOUTHERN NEVADANS
QUARTERLY REPORT
AUGUST 1 – OCTOBER 31, 2000

LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT
WEST CHARLESTON LIBRARY
6301 W. CHARLESTON BLVD.
LAS VEGAS, NV 89146

Florence B. Jakus, Ed.D., Project Director
Health Science Library, West Charleston Library
6301 W. Charleston Blvd.
Las Vegas, NV 89146
e-mail: florencj@lvccld.lib.nv.us
702-878-0377
Fax: 702-877-1394

November 26, 2000

HEALTH INFORMATION RESOURCES FOR SOUTHERN NEVADANS

Introduction

Description of Progress Toward the Project's Major Objectives

A. Administrative/Planning Activities

The third quarter of the grant was one of planning, developing, modifying, and coordinating training programs for library personnel and the public. The members of the grant team continued to meet on a regular basis to maximize the effectiveness of these activities. In addition, individual team members participated in Library District committees that were working on policies, procedures, and coordination of the District's new website. Outside agencies were contacted to arrange future workshops.

Florence Jakus submitted an abstract for a poster session at the Medical Library Groups of Northern California/Nevada and Southern California/Arizona Joint Meeting in February 2001. It was accepted.

B. Publicity/Marketing Activities

West Charleston Library's internal quarterly publication, *WCH Happenings*, printed an article on the NLM grant. This publication is distributed to West Charleston Library staff and other libraries in the District. A copy is included in the Appendix.

The brochure for distribution to non-library organizations was reviewed and modified. It was sent to the printer at the end of October. A flyer advertising the Consumer Health Connection workshops for the public was distributed to all libraries.

The Library District scheduled a press conference that highlighted the District's new web page on October 16, 2000. Several local television stations provided coverage on the Library District's new website during the evening news. An article was published in the November 6, 2000 issue of the *Las Vegas-Review Journal* newspaper. The article was primarily about the filters that were on the District's workstations in the Young People departments.

C. Product/Resource Development

The Las Vegas-Clark County Library District's web page was made available to the public in October. The grant team worked with the District's new graphics personnel to add a menu to the web page so information would be easier to locate. The Consumer Health Connection site is located at: http://www.lvccld.org/special_collections/medical/consumer_health.htm

PowerPoint presentations for staff training were modified to reflect changes in the MEDLINEplus site and to emphasize the sites available on the Library District's Consumer

Health Connection web page. A program was developed for the general public that included handouts.

Jewel Guy and Pam Zehnder developed a PowerPoint program and handouts for the Nevada Library Association meeting they presented October 7 in Reno, Nevada.

D. Site Visits/Training/Demonstration Sessions/Presentation

Four staff training workshops were presented in August. A total of seventeen (17) library personnel attended the workshops. Two were offered at the Clark County Library's Microcomputer Center in Las Vegas, while the other two workshops were held in Indian Springs and Moapa Valley. These latter two workshops were conducted to meet the needs of rural library personnel who normally do not have time to travel into Las Vegas. The training session was two hours in length, with a presentation of approximately forty-five minutes, a break, and then a hands-on opportunity for participants to explore various health Internet sites.

Jewel Guy and Pam Zehnder presented a program titled "Demystifying Medical Reference Questions" at the annual meeting of the Nevada Library Association on October 7, 2000, in Reno, Nevada. Twenty (20) people attended it from libraries throughout the state.

Two Consumer Health Connection workshops were conducted in October for the public. Only six people attended the workshops, but all found the information helpful. Several people had questions on complex medical conditions and MEDLINE*plus* did not have the information. PubMed was briefly introduced to them as a source to obtain current information on their conditions. Staff also offered to assist them with possible search strategies for locating the information on PubMed.

E. Exhibits

An exhibit booth was staffed at the health fair held at the San Remo Casino and Resort in October. Bookmarks listing health Internet sites were distributed along with other library publications. Seventy-four (74) people stopped by the exhibit for information.

II. Loansome Doc/Document Delivery Activities

No report this quarter.

III. Evaluation Activities

Evaluations from the workshops for library staff, the Nevada Library Association program, and consumers were positive. The majority of the people attending the programs were not aware of MEDLINE*plus* and its many features. People found the Internet sites on the Consumer Health Connection web page to be helpful to them. Follow-up conversations with library staff personnel found that the participants found the sites easy to use, used them on a regular basis, and referred library users to MEDLINE*plus* as a starting point for information on their health questions.

IV. Problems/Corrective Actions Lessons Learned/Significant Feedback

Based on the large number of people at the San Remo Casino and Resort health fair who spoke Spanish as their primary language, a decision was made to develop a bookmark that would list several Spanish language health sites. The grant team will be working with the Library District's new Community Outreach Librarian, Salvador Avila and other library staff who read Spanish.

Due to low turnout at the Consumer Health Connection workshops for the public, the days and times were reviewed. After discussion with a number of people it was decided that programs would not be offered on Saturdays. The programs will resume in January and will be offered in the afternoon and evening on a weekday.

Publicity specifically about the National Library of Medicine grant and the Consumer Health Connection web page has been lacking. Florence Jakus will be meeting with the Public Relations Officer and other Administration team members to determine what additional types of press releases can be prepared for the community.

V. Projected Activities for Next Quarter

Projected activities for the fourth quarter include:

Mail brochures on the Consumer Health Connection to non-library organizations.

Provide additional staff training workshops at area libraries.

Design and distribute another brochure for the general public

Meet with the Library District's Public Relations to determine what additional publicity can be arranged specifically for the grant.

Review and modify the Consumer Health Connection workshop for the public and offer it in January.

Develop Spanish language bookmark

VI. Reporting Forms for Training/Demonstrations Sessions/Exhibit Reports

Reporting forms for staff training and exhibits are in the Appendix.

VII. Appendix

The following items are in the appendix:

Reporting forms for training and exhibits.

Material distributed at the workshops and the Nevada Library Association program.

PowerPoint programs designed for staff training, consumer workshops and the Nevada Library Association program.

Flyer distributed for consumer workshops.

Las Vegas-Review Journal newspaper article.

WCH Happenings article.

Appendix

Reporting forms for training and exhibits.

Material distributed at the workshops

Flyer distributed for consumer workshop

PowerPoint programs (sent via e-mail)

Review Journal article

WCH Happenings article

OUTREACH REPORTING FORM FEBRUARY 2000

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: 7/25/00

2. TYPE OF ACTIVITY : ☐ NLN SYSTEM SESSION ☐ TECHNOLOGY AWARENESS ☐ OTHER (PLEASE SPECIFY): HEALTH FAIR
☐ OTHER INTERNET SESSION ☒ TRAIN THE TRAINER

3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:
 Las Vegas Clark County Library
 District

4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT

5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:

6. LOCATION WHERE ACTIVITY OCCURRED: Clark County Library – Microcomputer Center

A. CITY LAS VEGAS

B. STATE NV

C. ZIP CODE 89119

D. COUNTY

E. CONGRESSIONAL DISTRICT

FIRST CONGRESSIONAL DISTRICT

7. LENGTH OF ACTIVITY (HOURS): 2 HOURS

8. HANDS ON PRACTICE ☒ YES ☐ NO

9. CEU ☐ YES ☐ NO
 CME ☐ YES ☐ NO
☒ NOT APPLICABLE

10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) ☐ YES ☐ NO

11. NUMBER OF PERSONS WHO ATTENDED: 4

CATEGORY	AFFILIATED	UNAFFILIATED ¹	UNKNOWN
ALLIED HEALTH PROFESSIONALS			
LIBRARIANS	4		
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL	4		

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __FLORENCE B. JAKUS (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: AUGUST 3, 2000			
2. TYPE OF ACTIVITY : <input checked="" type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> OTHER (PLEASE SPECIFY): <input type="checkbox"/> OTHER INTERNET SESSION <input checked="" type="checkbox"/> TRAIN THE TRAINER			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: CLARK COUNTY LIBRARY – MICROCOMPUTER CENTER 1401 E. FLAMINGO			
A. CITY LAS VEGAS		B. STATE NV	C. ZIP CODE 89119
D. COUNTY CLARK		E. CONGRESSIONAL DISTRICT	FIRST CONGRESSIONAL DISTRICT
7. LENGTH OF ACTIVITY (HOURS): 2 HOURS		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: 11			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
LIBRARIANS	9	2	
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL	9	2	

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: AUGUST 15, 2000			
2. TYPE OF ACTIVITY : <input checked="" type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> OTHER INTERNET SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input checked="" type="checkbox"/> TRAIN THE TRAINER <input type="checkbox"/> OTHER (PLEASE SPECIFY):			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: MOAPA VALLEY LIBRARY 350 N. MOAPA VALLEY BLVD 1			
A. CITY OVERTON		B. STATE NV	C. ZIP CODE 89040
D. COUNTY CLARK		E. CONGRESSIONAL DISTRICT	SECOND CONGRESSIONAL DISTRICT
7. LENGTH OF ACTIVITY (HOURS): 2 HOURS		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: 5			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
LIBRARIANS	4		
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	1
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL	4		1

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __ Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: AUGUST 17, 2000			
2. TYPE OF ACTIVITY : <input checked="" type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> OTHER (PLEASE SPECIFY): <input type="checkbox"/> OTHER INTERNET SESSION <input checked="" type="checkbox"/> TRAIN THE TRAINER			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: INDIAN SPRINGS LIBRARY 715 GRETTA LANE			
A. CITY INDIAN SPRINGS		B. STATE NV	C. ZIP CODE 89018
D. COUNTY CLARK		E. CONGRESSIONAL DISTRICT SECOND CONGRESSIONAL DISTRICT	
7. LENGTH OF ACTIVITY (HOURS): 2 HOURS		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: 1			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
LIBRARIANS	1		
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			1

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: OCTOBER 7, 2000			
2. TYPE OF ACTIVITY : <input checked="" type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> OTHER INTERNET SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input checked="" type="checkbox"/> TRAIN THE TRAINER <input type="checkbox"/> OTHER (PLEASE SPECIFY):			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:		NEVADA LIBRARY ASSOCIATION	
6. LOCATION WHERE ACTIVITY OCCURRED: NEVADA LIBRARY ASSOCIATION MEETING			
A. CITY RENO		B. STATE NV	C. ZIP CODE 89505
D. COUNTY WASHOE		E. CONGRESSIONAL DISTRICT	SECOND CONGRESSIONAL DISTRICT
7. LENGTH OF ACTIVITY (HOURS): 1 HOUR		8. HANDS ON PRACTICE YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: 20			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
LIBRARIANS		20	
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL		20	

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: OCTOBER 17, 2000			
2. TYPE OF ACTIVITY : <input type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input checked="" type="checkbox"/> OTHER (PLEASE SPECIFY): HEALTH FAIR <input type="checkbox"/> OTHER INTERNET SESSION TRAIN THE TRAINER			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: SAN REMO CASINO & RESORT 115 E. TROPICANA AVE			
A. CITY LAS VEGAS		B. STATE NV	C. ZIP CODE 89119
D. COUNTY CLARK		E. CONGRESSIONAL DISTRICT	FIRST CONGRESSIONAL DISTRICT
7. LENGTH OF ACTIVITY (HOURS): 8 HOURS		8. HANDS ON PRACTICE YES <input checked="" type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES	
11. NUMBER OF PERSONS WHO ATTENDED: 74			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	74
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			74

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: OCTOBER 20, 2000			
2. TYPE OF ACTIVITY : <input checked="" type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input checked="" type="checkbox"/> OTHER INTERNET SESSION TRAIN THE TRAINER OTHER (PLEASE SPECIFY):			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: WEST CHARLESTON LIBRARY 6301 W. CHARLESTON BLVD.			
A. CITY ILAS VEGAS		B. STATE NV	C. ZIP CODE 89119
D. COUNTY CLARK		E. CONGRESSIONAL DISTRICT	FIRST CONGRESSIONAL DISTRICT
7. LENGTH OF ACTIVITY (HOURS): 8 HOURS		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) YES	
11. NUMBER OF PERSONS WHO ATTENDED: 1			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	1
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			1

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

OUTREACH REPORTING FORM

(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: OCTOBER 25, 2000

2. TYPE OF ACTIVITY : ☒ NLM SYSTEM SESSION ☐ TECHNOLOGY AWARENESS
☒ OTHER INTERNET SESSION ☐ TRAIN THE TRAINER
 OTHER (PLEASE SPECIFY):

3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT

4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: LAS VEGAS-CLARK COUNTY LIBRARY DISTRICT

5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:

6. LOCATION WHERE ACTIVITY OCCURRED: WEST CHARLESTON LIBRARY 6301 W. CHARLESTON BLVD.

A. CITY ILAS VEGAS

B. STATE NV

C. ZIP CODE 89119

D. COUNTY CLARK

E. CONGRESSIONAL DISTRICT

FIRST CONGRESSIONAL DISTRICT

7. LENGTH OF ACTIVITY (HOURS): 8 HOURS

8. HANDS ON PRACTICE ☒ YES NO

9. CEU ☐ YES ☐ NO
 CME ☐ YES ☐ NO
☒ NOT APPLICABLE

10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) YES ☒ NO

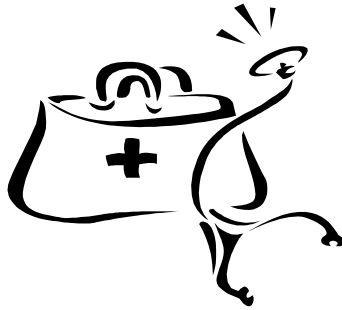
11. NUMBER OF PERSONS WHO ATTENDED: 5

CATEGORY	AFFILIATED	UNAFFILIATED ¹	UNKNOWN
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	5
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			5

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: __Florence B. Jakus, Ed.D.; (702)878-0377

Health Internet Class



Do you need information on the medication you are using or medical information on a health condition?

In this class you will learn about the various Health Internet sites that will assist you in locating accurate and current information.

Saturday, October 21

10:00 A.M.

&

Wednesday, October 25

7:00 P.M.

West Charleston Library

6301 W. Charleston Blvd.

Pre-registration required, call 878-0067.

LINCS Clearinghouse
Linking Information for Children with Special Needs

ValleyCare Health Library
5698 Stoneridge Drive
Pleasanton, CA 94588

Cheryl Warren
5698 Stoneridge Drive
Pleasanton, CA 94588
cherylw@valleycare.com
925-734-3315
925-734-3372 fax

August 1, 2000 – October 31, 2000

11/21/00

LINCS CLEARINGHOUSE

Grant: Access to Electronic Health Information for the Public

I. Description of Progress Toward the Project's Major Goals

Definition of Special Needs Children approved by committee.

Children with special needs are those who have or are at increased risk for a chronic physical, developmental, behavioral, or emotional condition that requires health related services of a type or amount beyond that generally required.

- Policy and Procedures for LINCS has been finalized. P & P's now cover definition of project, web site links, local resources and services in the Tri-Valley Health Resource Database that is searchable from the library's web site and library reference/circulating collection.
- Forms returned by the committee members for local resources or services in the Tri-Valley
- Resource Database have been inputted into the database.
- Preliminary web layout has been discussed. Committee presented several suggestions that will be incorporated into the final layout version.
- Purchased materials to date are cataloged. Printout of titles given to committee for final identification of other useful titles or identification of special needs areas not represented with reference and circulation materials.
- Computers have been installed.
- NORD, a database of rare diseases and conditions, was recommended by the committee as a useful search tool for the community. NORD has been purchased and added.

II. Loansome Doc/Document Delivery Activities

- Docline is now being used by the Health Library. Policies and Procedures for use of Docline as the service pertains to LINCS are being developed. The committee favors the idea of document delivery to the public. Belief is that the public will want access to journal articles not held by the library.

III. Evaluation Activities

NA

IV Problems/Corrective Actions

- Committee disagrees on what fits the definition of service or organization that can be added to Resource Directory. Previous policy for the Directory precludes doctor's names or medical groups since it may be taken as an endorsement despite disclaimers. However parent representatives are adamant that parents are in need of doctors that specialize in diagnosis and testing procedures either for primary care or second opinions. Will require further consideration and rewriting of Policies and Procedures.
- Disagreement over the web links is also developing. Committee members are split as to overall philosophy of many links or a small, concise group with reliable links as part of their web site. Librarian favors well-annotated limited number of links.

Projected Activities for Next Quarter

- Decision on what will be included in the Resource Directory database.
- Review printout of local resources in the Resource database to further identify other organizations and services not yet in database.
- Review web sites & annotate
- Finish web layout
- Review printout of reference and circulating materials for further additions to library collection.
- Start design and layout of marketing materials.

VI. Reporting Forms NA

VII Appendix NA

**Improving Access to Health Information for Consumers of
Pima County, Arizona:**

The CHILÉ Project
(Consumer Health Information Links for Everyone)

**Arizona Health Sciences Library
University of Arizona
Tucson, Arizona**

By Jeanette C. McCray
Arizona Health Sciences Library
University of Arizona
P. O. Box 245079
Tucson, AZ 85724-5079
Voice: 520/626-6121; Fax: 520/626-2922
Email: mccray@AHSL.arizona.edu

Third Quarterly Report
August 1, 2000 – October 31, 2000

Submitted November 30, 2000

I. Introduction

Improving Access to Health Information for Consumers of Pima County, Arizona:

The **CHILÉ** Project (Consumer Health Information Links for Everyone), a joint project of the Arizona Health Sciences Library (AHSL) and the Tucson-Pima Public Library (TPPL), remains on target. Several workshops were held this quarter for public librarians and we are anticipating the launch of the Web site in January.

Description of Progress toward the Project's Major Objectives

A. Administrative/Planning Activities

One steering committee meeting was been held this quarter at TPPL. Steering committee members include the 2 principal investigators, and the AHSL/TPPL coordinators of each specific objective. At this meeting, information was shared, issues were addressed, and an overall assessment of the progress of the project in light of our original planning timetable was gained.

B. Publicity/Marketing Activities

An interim group of bookmarks (see appendix) were developed to publicize the CHILE project among TPPL librarians and at the Arizona State Library Association conference until the formal marketing tools are developed and ready for use. The steering committee will be making decisions in mid December. Work has begun on compiling lists of health professionals, clinics, and the like, in order to inform them of the project.

C. Product/Resource Development Activities

The design of **CHILÉ**'s Web site (see <http://www.chilehealth.org> late in January) is nearly complete. The infrastructure for the Web site, the back-end database to support **CHILÉ**, has been completed. Topics to include when the site is launched have been determined (see appendix) after consultation with public librarians on the types of queries they deal with. As of early November there were 65 links in the database - work on inputting the topics for phase 1 is expected to be done by the end of November. Guidelines are being developed to guide AHSL and TPPL librarians as they contribute additional resources to the database – consistent language throughout is one objective of this effort.

SOAHR (Southern Arizona Health Referral), the Web-accessible database of local organizations with collections of health information resources, is up and running at <http://www.ahsl.arizona.edu/soahr>. The database has now grown to 12 institutions and organizations ¹¹. It is expected that more effort will be directed to identifying and contacting community organizations in our area in April after the launch of the CHILE Web site.

2. Arizona Health Sciences Library, Carondelet St. Mary's Hospital, Kino Community Hospital, Patient Education Resource Center, Pima Council on Aging, St. Joseph's Hospital, Ronald McDonald House Charities of Southern Arizona, Rural Health

Planning for the 2nd series of workshops has begun. We expect to begin offering this series in February 2001. Topics will include a review of the 1st workshop (comparing use of MEDLINEplus, PubMed, and Health Resources A-Z), new resources (Chile web site and SOAHR), how to evaluate health web sites, drugs, diseases and conditions, and document delivery.

D. Site Visits/Training/Demonstration Sessions/Presentations (Include description of the sites and target population)

Four workshops were held for TPPL librarians during this quarter. Three were at AHSL and one was at the main branch of TPPL. Both facilities have training facilities with multiple machines for hands-on training. 37 TPPL librarians attended these first 4 sessions.

The instructors were librarians from AHSL and the trainees were reference librarians from TPPL. The learning objectives were:
To increase the comfort level of TPPL librarians answering health reference questions
To increase their familiarity with MEDLINEplus, AHSL Resource Guides A-Z, and PubMed
To know how/when to refer to AHSL

E. Exhibits

No activity this quarter.

F. Loansome Doc/Document Delivery Activities

The logistics of document delivery are being worked out. Forms, procedures, and a Web page specific to document delivery are planned. (An interim version can be found in the appendix.) At this point, it is anticipated that consumers will go through a TPPL librarian to take advantage of the free interlibrary loan option from AHSL.

G. Evaluation Activities

Evaluation activities have been re-vamped since the initial planning for this project and now focus on evaluating the effectiveness of the workshops, by administering a pre-test and post-test to participants (TPPL librarians). Raw data from the first workshops seems to indicate a dramatic change in the resources that a TPPL librarian would consult for consumer health questions after the workshops (see appendix). Pre-test and post-test forms are included in the appendix. A more in depth analysis will occur. The results of the post-test was also useful in developing the 2nd workshop content.

Problems/Corrective Actions

Lessons Learned/Significant Feedback

Office, Southern Arizona VA Health Care System, Tucson Medical Center, Tucson-Pima Public Library, UA College of Nursing Instructional Resource Center

We continue to experience smooth sailing.

H. Projected Activities for Next Quarter

We hope to launch the **CHILÉ** Web site in January, replete with a media campaign and prior notification to local health care professionals.

The first workshop series will continue into November (3rd) and December (1st) with the final one being conducted on January 19th. In the end we have presented the 1st workshop 7 times. Analysis of the evaluation results will continue.

Planning will be completed on the 2nd series of workshops. The evaluations received from the 1st workshop will be useful in developing topics for the 2nd workshop. We expect to start delivering the 2nd workshop in February.

The details of ILL and back-up support activities will be finalized.

The first meeting to discuss collection development collaboration in the area of consumer health resources between AHSL and TPPL will occur in November.

A listserv of AHSL and TPPL librarians will be set up in order to facilitate communication about the project.

Pat Auflick, AHSL, and Joan Biggar, TPPL, will present a paper at the Arizona State Library Association conference on November 16, 2000, on the CHILE project entitled "Consumer Health Information Links for Everyone"

Reporting Forms for Training/Demonstration Sessions and/or Exhibit Reports

Forms for the 4 workshops held this quarter follow.

Appendix

Copies of: communications, materials produced, press releases, advertisements, articles for newsletters, etc.

Attached:

Interim Chile bookmarks

Partial **CHILÉ** home page (latest but not last version)

Phase one topics in CHILE Web site

Pre-test and post-test forms for 1st workshop

Raw evaluation data from 1st 41 participants of 1st CHILE workshop

Document Delivery Web Site and Associated Forms

Instructor and trainee packets for the 1st workshop

PHASE ONE TOPICS IN CHILÉ WEB SITE

DISEASES AND CONDITIONS

- Addictions (Alcohol, Drugs, Tobacco)
- AIDS and HIV
- Alternative Medicine and Therapies
- Alzheimer's
- Arthritis
- Asthma
- Cancer
- Disabilities (Hearing, Vision, Mobility)
- Heart Disease
- Hepatitis
- High Blood Pressure
- Lupus
- Mental Health (Anxiety, Depression, etc.)
- Pregnancy and Childbirth
- Sexual and Reproductive Issues
- Valley Fever

WELLNESS AND PREVENTION

- Abuse and Violence
 - Addictions (Alcohol, Drugs, Tobacco)
 - Alternative Medicine and Therapies
 - Disabilities (Hearing, Vision, Mobility)
 - Drunk Driving
 - First Aid: for bites, burns, poisoning
 - Food Safety
 - Mental Health (Anxiety, Depression, etc.)
 - Mosquito Prevention
 - Pregnancy and Childbirth
 - Sexual and Reproductive Issues
 - Smoking
 - Water Safety

CHILDREN

- AIDS and HIV
- Asthma
- Autism
- Bed Wetting
- Learning Disabilities
- Mental Health
- Potty Training
- Thumb Sucking

SENIORS

- Hospice and Respite Care
- Nursing Homes

TEENS

- Anorexia and Bulimia
- Birth Control
- Depression and Suicide
- Mental Health
- Sexuality
- Smoking and Tobacco
- Tattooing and Piercing

DOCTORS AND HOSPITALS

- Finding and Evaluating a Doctor
- Hospitals and Clinics
- Where to Complain

INSURANCE AND HMOS

- AHCCCS
- HMOs
- Medicare and Medicaid
- Where to Complain

MEDICATIONS

- Herbal Remedies
- Over-the-Counter
- Prescription

Project Name: HAWAII PARTNERSHIP FOR MEDLINE TRAINING

Institution: CONSUMER HEALTH INFORMATION SERVICE (CHIS)
HAWAII MEDICAL LIBRARY (HML)

Location: HONOLULU, HI 96813

Contact: JOHN BREINICH, EXECUTIVE DIRECTOR
HAWAII MEDICAL LIBRARY
1221 PUNCHBOWL STREET
HONOLULU, HI 96813
PHONE: (808) 536-9302 EXT 106
FAX: (808) 524-6956
E-MAIL: breinich@hml.org

Reporting Dates: AUGUST 1, 2000 - OCTOBER 31, 2000

Date Submitted: DECEMBER 15, 2000

Hawaii Partnership For Medline Training

Introduction

CHIS presented a total of 12 training workshops on Hawaii, Maui, Kauai, and Molokai islands. This represents about one-half of the total workshops in this grant. The remaining workshops will be held on Oahu beginning from January 2001.

I. Description of Progress toward the Project's Major Objectives

Curriculum:

All curriculum materials were developed and finalized by CHIS librarians Christine Sato, Tina Okamoto, and Marlene Cuenco. The materials consisted of:

MEDLINEplus and PubMed Pre-Survey
MEDLINEplus and PubMed Post-Survey
MEDLINEplus / PubMed Workshop Sign-in Sheet
Introduction to PubMed (search guide)
Introduction to MEDLINEplus (search guide)
MEDLINEplus and PubMed Workshop (presentation outline)
CHIS MEDLINEplus / PubMed Workshop Evaluation
Power Point presentation: MEDLINEplus and PubMed Workshop
Power Point presentation: Searching PubMed
Web tutorial: <http://hml.org/CHIS/wsonline.html>

Additional materials given out at the workshop:

NLM's MEDLINEplus bookmark.

HML's PubMed Search Guide

- We designed the curriculum at a basic level and with an assumption that participants have no prior knowledge of MEDLINEplus and PubMed. Our approach was very systematic and practical, i.e., pose a health question, then instruct on the search process to find the answer to the question. We covered searching by health topic, drug, doctor, author, and latest research.
- In our Power Point delivery, we were conscious of vocabulary and technology. We kept technical jargon to a minimum. For consistency, ease of use, and to keep within the allotted 90 minute time frame, we decided on a canned presentation using pre-selected search examples and Internet screen shots. Questions posed by the audience that required online searches were done in a hands-on session using the site computers after the canned presentation.
- The two search guides (Introduction to PubMed and Introduction to MEDLINEplus) were reviewed for reading level using the Smog Readability Formula. We asked the Queen's Medical Center's Health Education and Wellness Department to review our documents. They assessed Introduction to PubMed at a 9th grade reading level and Introduction to MEDLINEplus at a 11th grade reading level. Our goal had been a 7th grade reading level, but

the search guides had many polysyllabic words that required usage as is. The search guides were distributed at the training workshops and to all 50 public library branches.

Publicity:

- The Hawaii State Public Library System (HSPLS) handled all media publicity, which included radio stations and local newspapers. CHIS mailed workshop flyers to its CHIS members, former customers, health care providers, and community organizations. The announcement was posted on the CHIS web site as well.

Training Workshops:

- All workshops required air travel from Oahu to the destination island. Except for the workshops on Hawaii, CHIS librarians took an early morning flight and returned later that same day. On Hawaii, the workshops were held on three consecutive days and the CHIS librarians stayed 2 nights at a hotel.
- Workshops were held at the public libraries, with a capacity of 15 per session. There were 2 sessions at each site (10:00am-11:30am, 2:00pm-3:30pm).

Total Attendance: 91

1. Hilo Public Library – September 21, 2000 (Hawaii)
CHIS staff: Marlene Cuenco & Tina Okamoto
Workshop attendance: 33
2. Thelma Parker Public & School Library – September 22, 2000 (Hawaii)
CHIS staff: Marlene Cuenco & Tina Okamoto
Workshop attendance: 7
3. Kailua-Kona Public Library – September 23, 2000 (Hawaii)
CHIS staff: Marlene Cuenco & Tina Okamoto
Workshop attendance: 18
4. Kahului Public Library – October 18, 2000 (Maui)
CHIS staff: Christine Sato & Marlene Cuenco
Workshop attendance: 22
5. Lihue Public Library – October 26, 2000 (Kauai)
CHIS staff: Christine Sato & Marlene Cuenco
Workshop attendance: 3
6. Molokai Public Library – November 16, 2000 (Molokai)
CHIS staff: Christine Sato & Tina Okamoto
Workshop attendance: 8 (maximum capacity)

- Workshop participants were mainly the public, but also included a mix of healthcare providers, librarians and library staff, and students.
- Participants overwhelmingly gave high ratings for workshop content, length, pace, and delivery. Participants showed interest, asked questions, and appreciated the hands-on opportunity. Their areas of interest were using MEDLINEplus to find a doctor or find drug information, and using PubMed to obtain full text articles and to search for clinical alternative medicine information.
- CHIS will do a phone follow-up for each participant. The follow-up is intended as a resource to answer any search questions. Follow-ups will be done in December 2000/January 2001.

Loansome Doc/Document Delivery Activities

- Document delivery was a hot topic at all the workshop sites. The question was mainly, how to obtain and how much is the full article once you've located a PubMed citation. The most frequent comment was the high cost of obtaining an article. Unlike on Oahu where customers have the option to visit HML for self-service copying, neighbor island residents found the cost and lack of options very limiting.

III. Evaluation Activities

- Evaluations were completed by 81% of the audience.

100% ratings were given for:

Workshop being 'helpful' to 'very helpful'

Handouts being 'helpful' to 'very helpful'

Content organization being 'about right' to 'very organized'

Presenter organization/preparation being 'about right' to 'very organized'

90% or higher ratings were given for:

MEDLINEplus content and session length being 'about right'

PubMed content and session length being 'about right'

Presentation pace being 'about right'

- For the participants who rated the workshop as 'too elementary', our observation was these participants were already familiar with PubMed. For those who found it too advanced, the observation was these participants had little or no computer/Internet experience. The participants who received the greatest benefit appeared to be those who came with a health issue in mind and then readily wanted to apply the training during the hands-on session.
- The Pre- and Post-Surveys were completed by 85% of the participants. Results showed positive learning for 6 of the 10 questions:

Q2: What is the MEDLINEplus URL or web address?

Q3: Who is the creator of the MEDLINEplus web site?
 Q4: What kind of information would you most likely find on MEDLINEplus?
 Q6: You can search PubMed to find the following types of information
 (participants selected encyclopedia articles and AMA physician select)
 Q7: PubMed is also referred to as: (Medline)
 Q8: To search PubMed for information about a disease:
 (type into the search box 2-3 words that describe the disease)
 Q10: To do an author search in PubMed: (type into the search box last name
 initials) One library showed a negative learning response for:

- In the presentation between the MEDLINEplus and PubMed transition, there was extra discussion on encyclopedia articles. We feel perhaps that is what stuck in their minds.

Problems/Corrective Actions / Lessons Learned/Significant Feedback

- Host library facilities were convenient, comfortable, and appropriate for all but one site. At the one library (Hilo Public Library), the courtyard was used and the sunlight made it difficult to see the screen. Unfortunately, this was the library with the largest workshop attendance. For all other libraries, the presentations were held either in a separate conference room or in the main room of the library.
- Technology problems were minimal. Initially, CHIS planned on taking the 3 laptop-LAN and on using CHIS' Internet service provider for the hands-on portion of the workshop. However, during the first presentation (Hilo Public Library), we found it too heavy to hand-carry the LAN and also we encountered problems using our ISP. So for subsequent workshops, arrangements were made to use the public library's Internet public computers for the hands-on session. This worked out very well for both the public library and CHIS. That is, the public libraries did not have their fax line tied up for our presentation and CHIS did not have to transport the LAN.
- Workshop attendance at some of the sites was poor. Possible factors for low attendance: workshop time/day (weekend versus weekday, day vs. evening), minimal interest factor (did not have a health issue and so no interest in learning this resource).
- We've already begun the planning for the Oahu sessions and have decided to:
 Follow the same format (content, session length, technology).
 Vary session times with more Saturdays and at least one evening.
- Projected Activities for Next Quarter
 CHIS is responsible for:
 Phone follow-ups.
 Scheduling 14 workshops on Oahu, mainly at the Hawaii Medical Library. 2 of these, will be at a public library.

Discussing with HSPLS the details for purchasing 5 computers for installation at designated public libraries.

- **Reporting Forms for Training/Demonstration Sessions and/or Exhibit Reports**

See attached.

Appendix

Forms and Handouts:

- MEDLINEplus / PubMed Workshop Sign-in Sheet
- MEDLINEplus and PubMed Pre-Survey
- MEDLINEplus and PubMed Post-Survey
- Introduction to PubMed (search guide)
- Introduction to MEDLINEplus (search guide)
- MEDLINEplus and PubMed Workshop (presentation outline)
- CHIS MEDLINEplus / PubMed Workshop Evaluation
- Power Point presentation: MEDLINEplus and PubMed Workshop
- Power Point presentation: Searching PubMed
- Web tutorial: <http://hml.org/CHIS/wsonline.html>
- Additional material handed out at the workshop:
- NLM's MedlinePlus.gov bookmark.
- HML's New PubMed: A Quick Reference Guide

Data:

Sign ups

PrePost Survey

Evaluations

Comments from the CHIS MEDLINEplus/PubMed Workshop Evaluation

OUTREACH REPORTING FORM August – November 2000
(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: October 18, 2000, November 16, 2000			
2. TYPE OF ACTIVITY : <input type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> OTHER INTERNET SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> TRAIN THE TRAINER <input type="checkbox"/> OTHER (PLEASE SPECIFY): "Hawaii Partnership for Medline Training"			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		CHIS at Hawaii Medical Library	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		CHIS at Hawaii Medical Library	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:		Hawaii State Public Library System (HSPLS)	
6. LOCATION WHERE ACTIVITY OCCURRED:			
A. CITY Kahului, Maui & Kaunakaki, Molokai		B. STATE HI	C. ZIP CODE: 96732, 96748
D. COUNTY Maui		E. CONGRESSIONAL DISTRICT: 2	
7. LENGTH OF ACTIVITY (HOURS): 1.5 hours each session (and 2 sessions at each site)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NOT APPLICABLE Not Applicable.		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: Total for Maui and Molokai: 30			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
ALLIED HEALTH PROFESSIONALS			2
LIBRARIANS			9
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	19
OTHERS (PLEASE SPECIFY)			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			30

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Christine Sato, CHIS Librarian (808) 536-9302 x129

OUTREACH REPORTING FORM August – November 2000
(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: September 21, 22, 23, 2000			
2. TYPE OF ACTIVITY : <input type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> OTHER INTERNET SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> TRAIN THE TRAINER <input type="checkbox"/> OTHER (PLEASE SPECIFY): "Hawaii Partnership for Medline Training"			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		CHIS at Hawaii Medical Library	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		CHIS at Hawaii Medical Library	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:		Hawaii State Public Library System (HSPLS)	
6. LOCATION WHERE ACTIVITY OCCURRED:			
A. CITY Hilo, Kamuela, and Kailua-Kona		B. STATE HI	C. ZIP CODE: 96720, 96740, 96743
D. COUNTY Hawaii		E. CONGRESSIONAL DISTRICT: 2	
7. LENGTH OF ACTIVITY (HOURS): 1.5 hours each session (and 2 sessions at each site)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NOT APPLICABLE Not Applicable.		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: Total for Hilo, Kamuela, and Kailua-Kona: 58			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
PHYSICIANS			1
NURSES			1
ALLIED HEALTH PROFESSIONALS			1
LIBRARIANS			10
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	45
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL			58

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Christine Sato, CHIS Librarian (808) 536-9302 x129

OUTREACH REPORTING FORM August – November 2000
(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY: October 26, 2000			
2. TYPE OF ACTIVITY : <input type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> OTHER (PLEASE SPECIFY): "Hawaii Partnership for Medline Training" <input type="checkbox"/> OTHER INTERNET SESSION <input type="checkbox"/> TRAIN THE TRAINER			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY:		CHIS at Hawaii Medical Library	
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY:		CHIS at Hawaii Medical Library	
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:		Hawaii State Public Library System (HSPLS)	
6. LOCATION WHERE ACTIVITY OCCURRED:			
A. CITY : Lihue		B. STATE HI	C. ZIP CODE: 96766
D. COUNTY Kauai		E. CONGRESSIONAL DISTRICT: 2	
7. LENGTH OF ACTIVITY (HOURS): 1.5 hours each session (and 2 sessions at each site)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> NOT APPLICABLE Not Applicable.		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO:	
11. NUMBER OF PERSONS WHO ATTENDED: Total for Kauai: 3			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
ALLIED HEALTH PROFESSIONALS			
LIBRARIANS			2
CONSUMERS	DO NOT FILL IN	DO NOT FILL IN	1
OTHERS (PLEASE SPECIFY)			
TOTAL			3

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Christine Sato, CHIS Librarian (808) 536-9302 x129



Hawaii Medical Library
1221 Punchbowl Street • Honolulu, HI 96813
Phone: (808) 536-9302 ext 127
Neighbor islands toll free: (888) 797-2447 ext 127
Fax: (808) 526-0254
Web address: <http://hml.org/CHIS/>

MEDLINE*plus* and PubMed Workshop

Instructors: Marlene Cuenco, Tina Okamoto, and Christine Sato

**Consumer Health Information Service (CHIS) at the Hawaii Medical Library
1221 Punchbowl Street
Honolulu, Hawaii 96813
Phone: 536-9302 ext 127 OR 1-888-797-2447 ext 127 (neighbor islands)
E-mail: chis@hml.org**

**Workshop funded by the National Library of Medicine under a contract (#N01-LM-6-3521) with
the UCLA Biomedical Library, National Network of Libraries of Medicine Pacific Southwest
Regional Medical Library.**

MEDLINEplus Searching

By Marlene Cuenco / Tina Okamoto

About MEDLINEplus

An Internet site put together by the National Library of Medicine containing accurate and current medical and health information.

How to access MEDLINEplus

<http://medlineplus.gov>

What kind of information is available through MEDLINEplus?

- Health Topics – conditions, diseases, wellness
- Drug Information
- Doctor/Dentist/Hospital Information
- Medical Dictionaries/Encyclopedia
- Other Resources – organizations, consumer health libraries, publications, MEDLINE and more

Sample Searches:

1. Health Topics

Q: “I have a history of high blood pressure in my family, what can I do to prevent this from happening to me?”

Health topic by letter

- A. Select “health topics” from main page.
- B. Select appropriate alphabet for specific condition/disease.
- C. Locate and select specific condition/disease from alphabetical listing.

Q: “My family has a history of heart problems. What should I be concerned about?”

Health topic by broad groups

- A. Select “health topics” from main page.
- B. Select appropriate broad group category.
- C. Locate and select specific condition/disease from alphabetical listing.

2. Drug Information

Q: “My doctor has prescribed the drug Paxil for me, what are the side-effects?”

USP (United States Pharmacopeia/USP DI/Advice for the Patient)

- A. Select “drug information” from main page.
- B. Select appropriate alphabetical range based on the name of the drug.
- C. Locate and select the drug from the alphabetical listing.

3. Doctors/Dentists

Q: I am looking for a doctor in my hometown, do you have a listing?”

AMA (American Medical Association) Physician Select Online Doctor Finder

- A. Select “directories” from main page.
- B. Select AMA physician select, listed under “physicians and other health professionals”.
- C. Two search options available:
 - 1. Physician name search.
 - a. Fill in one or more of the search terms: physician name, state, city, zip code.
 - b. Click on search.
 - c. Locate and select physician name from listing.
 - 2. Medical specialty search
 - a. Fill in one or more of the search terms: state, city, zip code.
 - b. Select medical specialty.
 - c. Click on search.
 - d. Locate and select physician name from listing.

PubMed Searching

By Tina Okamoto / Christine Sato

About PubMed

- Medline
- By National Library of Medicine
- Published research 1966 - present
- Has over 11 million citations from over 4000 journals
- Most citations include an abstract (summary)
- Database covers research in medicine, nursing, dentistry, veterinary medicine, and health care administration

What Can I Find in PubMed?

Information about:

- Disease or health condition
- Drugs
- Latest research

Where Do I Begin?

Two ways to access PubMed from within MEDLINEplus

- Health Topic - Click on "Search Medline for recent research articles on.."
- Main MEDLINEplus screen - Click on "Other Resources"

Disease or Health Condition

Q: How does diet influence migraines?

Steps:

1. Select 2-3 words that describe the topic: migraine diet
2. Type the words into the search box.
3. Click on GO or press ENTER

PubMed is searching for: migraine AND diet

Components of a citation:

1. Authors
2. Article title
3. Publication information: journal name, month/year, page numbers
4. Abstract
5. Related articles

Drug Information

Q: Is it safe to take Tagamet during pregnancy?

1. Select 2-3 words that describe the topic: Tagamet pregnancy safety
2. Type the words into the search box.
3. Click on GO or press ENTER

PubMed searches both the generic and brand names.

PubMed is searching for: (tagamet OR cimetidine) AND pregnancy AND safety

Latest Research

Newspaper article says... "Drinking green tea may block skin cancer" The researcher is Santosh Katiyar. The study was published in the Archives of Dermatology. -- Hon Star Bulletin 8/16/2000.

1. Identify the main parts of the article:

What is the article about? Green tea

Who is the author? Santosh Katiyar

What's the publication name? Archives of Dermatology

2. Type the words into the search box.
3. Click on GO or press ENTER

PubMed is searching for: green tea AND katiyar s AND archives of dermatology

Author names: last name initial(s)

Publication name: full name of journal

Advanced Searching

- Limits
- Subject heading (MESH)
- Truncation (*)

Limits: Language, age, publication type, publication date, human/animal research, gender etc.

Subject headings: Describe what the article is about. Each article is assigned subject headings.

Truncation (*): implant* implant, implants, implantation

What Can I Do With This Information?

- Save your search
- Print your search
- Order the article

Ordering the article:

1. Order online
Select a citation
Click on Order button, follow instructions
2. Call CHIS. CHIS will take your order.

Help

Explore the Help section.

Search Tip

Begin all searches with MEDLINEplus
Search PubMed for clinical information

Questions?

Ask at your public library or

Call CHIS at 1-888-797-2447 ext 127
CHIS e-mail: chis@hml.org

CHIS and HSPLS thank you for joining us today.

Funded by the National Library of Medicine under a contract (#NO1-LM-6-3521) with the UCLA Biomedical Library, National Network of Libraries of Medicine Pacific Southwest Region Medical Library.
--

When you have a question about health...

Consumer Health Information Service

Hawaii Medical Library
1221 Punchbowl Street
Honolulu, HI 96813

Oahu phone: (808)536-9302 ext.127

Neighbor island toll free: 1-888-797-2447 ext.127

Fax: (808)526-0254

E-mail: chis@hml.org

Web page: <http://hml.org/CHIS/>

CHIS Desk Hours:

Monday – Friday: 1:00pm – 5:00pm

Saturday: 9:00am – 5:00pm

Funded by the National Library of Medicine under a contract (#NO1-LM-6-3521) with the UCLA Biomedical Library, NN/LM Pacific Southwest Regional Medical Library.



Introduction to

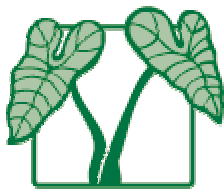
PubMed

PubMed is a search tool that provides access to article citations and summaries in health-related journals. It is a service of the National Library of Medicine.

CHIS

Consumer Health Information Service

A Community Service of the Hawaii Medical Library

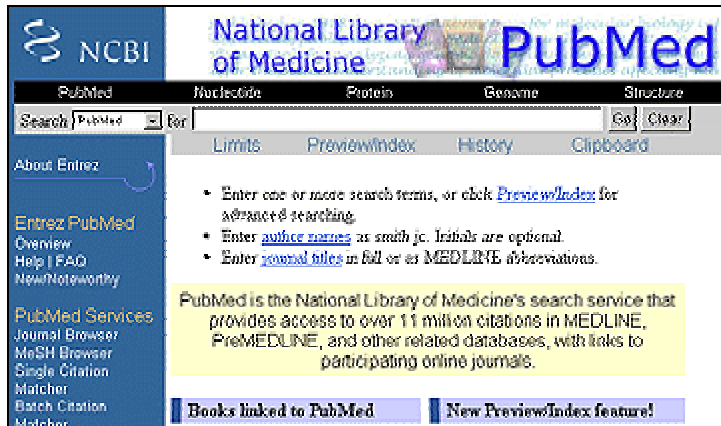


Searching PubMed

1) **PubMed** is located at the following web address. Type this in the **Location** or **Address** box of your web browser:

<http://www.ncbi.nlm.nih.gov/PubMed/>

2) This is the **PubMed** homepage:



3) Decide on your health topic. Think of several words that describe this topic.

Example: I want to know if regular exercise can help to prevent stroke. **Keywords:** **stroke**, **prevention**, and **exercise**.

4) Type the keywords in the box labeled **Search PubMed For**.

5) Click on the **Go** button.

6) Your results will be listed, starting with the most current items.

Citations and Summaries

1) Citations are listings of articles from your search. This is what a citation looks like:

Hu FB, Stampfer MJ, Colditz GA, Ascherio A, Rexrode KM, Willett WC, Manson JE.

Physical activity and risk of stroke in women.

JAMA. 2000 Jun 14;283(22):2961-7.

PMID: 10865274; UI: 20325676

- The second line is the title of the article.
- The third line names the source of the article.
 - Journal title is usually abbreviated: *JAMA* stands for the *Journal of the American Medical Association*
 - Date of journal: June 14, 2000
 - Journal volume: 283
 - Issue number: 22
 - Article page numbers: 2961-2967
- The fourth line lists identification numbers for this citation.

2) Click on the author's name to view the article's **summary** or **abstract**. Reading the abstract will give you a better idea of what the article is about.

3) To return to the list of citations, click on the **Back** button in the upper left corner of your screen.

Looking for More?

Sometimes after looking through the list of citations, you may only find one or two that really match what you are looking for.

Next to the citation of your choice, you will see **Related Articles**. Click on these words and you will get a new list of citations very similar to the one you first chose.

Limits

1) Below the **Search PubMed For** box, click on the word **Limits**.



2) Type in the word(s) you want to search.

3) Use the pull-down menus and choose how you want to limit the search.

Limited to:

All Fields ☐ only items with abstracts

Publication Types Languages Subsets

Ages Human or Animal Gender

Entrez Date

Publication Date From To

Use the format YYYY/MM/DD; month and day are optional.

Example: You may want to only have articles written in English. Click on the arrow next to **Languages** and click on **English**.

4) After you have made your selections, click on **Go** next to the search box.

Finding the Entire Article

Need more than just the citation and abstract? To locate the entire article, please ask your librarian for assistance or call CHIS.

Introduction to **MEDLINE^{plus}**

MEDLINE^{plus} provides access to a wide range of information about specific diseases and conditions.

It also has links to consumer health information.

MEDLINE^{plus} is a service of the National Library of Medicine.



Dictionaries

Spellings and definitions of medical terms

Look up unfamiliar medical terms.



Directories

Locations and credentials of doctors, dentists and hospitals

Find a doctor, other health professionals, or information about hospitals and other health facilities.



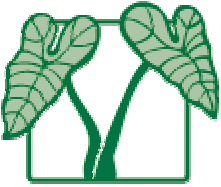
Other Resources

Access to organizations, consumer health libraries, publications, MEDLINE and more

Find more health information from organizations and libraries nationwide.

If you cannot find what you are looking for or you need clinical and research-based information, search the National Library of Medicine's MEDLINE database.

Funded by the National Library of Medicine under a contract (#NO1-LM-6-3521) with the UCLA Biomedical Library, NN/LM Pacific Southwest Regional Medical Library.



Exploring MEDLINEplus

1) **MEDLINEplus** is located at the following web address. Type this in the **Location** or **Address** box of your web browser:

<http://medlineplus.gov/>

2) There are many different types of information to be found in MEDLINEplus.

Diseases, Conditions, and Wellness

Drug information

Medical Dictionary/Encyclopedia

Doctors, Dentists, and Hospitals

Diseases, Conditions, & Wellness

1) Look for information on a disease, condition, or wellness topic by clicking on **Health Topics** from the MEDLINEplus homepage.

2) **Choose a Topic by Letter.** Just click on the first letter of the disease you want more information about.

Example: For information on **Diabetes**, click on **D**.

This will bring up a list of topics starting with the letter **D**.

Click on **Diabetes**.

This will take you to a page listing links to web pages with different types of diabetes information.

OR

Choose a Topic by Broad Group. Click on any broad group to get a listing of diseases and health concerns related to that group.

Example: From the list of groups, click on **Lungs and Breathing**.

You will then see an alphabetical list of topics which you may choose from, relating to the lungs and breathing disorders.

What Else Can Be Found Through MEDLINEplus?

At the left of each MEDLINEplus screen is a list of other types of information that you can find through this web site.



Hawaii Medical Library
1221 Punchbowl Street • Honolulu, HI 96813
Phone: (808) 536-9302 ext 127
Neighbor islands toll free: (888) 797-2447 ext 127
Fax: (808) 526-0254

CHIS MEDLINEplus/PubMed Workshop Evaluation Fall 2000/Spring 2001

Please give us your opinions of today's workshop. Your comments will help us improve future sessions.

MEDLINEplus

1. The content was: ☐ Too elementary ☐ About right ☐ Too advanced
2. The session length was: ☐ Too long ☐ About right ☐ Too short

PubMed (Medline)

3. The content was: ☐ Too elementary ☐ About right ☐ Too advanced
4. The session length was: ☐ Too long ☐ About right ☐ Too short

Overall:

5. I found this workshop ☐ Not useful ☐ Helpful ☐ Very Helpful
6. The pace of the presentation was: ☐ Too fast ☐ About right ☐ Too slow
7. The handouts were: ☐ Not useful ☐ Helpful ☐ Very Helpful
8. The content was: ☐ Poorly organized ☐ About right ☐ Very well organized

9. The presenters were: ☐ Poorly prepared ☐ About right ☐ Very well organized

Comments:

Funded by the National Library of Medicine under a contract (#NO1-LM-6-3521) with the UCLA Biomedical Library, National Network of Libraries of Medicine Pacific Southwest Region Medical Library.

Comments from the CHIS MEDLINEplus/PubMed Workshop Evaluation (Fall 2000)

Hawaii:

Was exactly what I was looking for. Thank you.

It was just what I was looking for. It was extremely helpful. I had no idea CHIS existed prior to the seminar.

Marlene Cuenco and Tina Okamoto presented a very well organized workshop. Thank you very much. I'm now going to apply what I learned at home and at work.

Thank you for a painless preview of the latest in medical information available for the public. Very well presented. You make it seem so easy! Thanks.

Gave me the information I needed.

Nice to have programs like this that are free to the public. Also, they covered Internet hints that were helpful.

I would have loved an online practice search. Great info and very helpful for teaching nursing students.

Great job and mahalo. Both presenters were knowledgeable and professional.

Thanks for the information as well as use of the library. Great information guideline.

Thanks. Now I know more about searching for medical information.

The presenters did an excellent job. Thank you.

Need to use a darker room so people can follow your projection screen. Overall information is very helpful. I've come here knowing nothing and am leaving here knowing much more on researching information.

I feel the presenter should have paused occasionally to ask if people had any questions. The lack of opportunity to ask questions during the first half may be one reason people jumped in with their questions during the second half.

Thanks a lot. This is a good idea. The public should find this info useful.

Thanks. Good presentation.

Very informative.

Thanks for coming – great info.

Extremely helpful.

Thank you.

Thank you.

Thank you.

Worthwhile.

Good. Thanks.

Not your fault, but the visual screen was hard to see, due to the lighting conditions.

The lighting could be better for the screen to prevent glare.

Maui:

Marlene and Christine are excellent public speakers. Communication skills very complete and easy to understand.

Good job.

I would have liked to get more in depth training, perhaps more examples and search strategies.

Excellent presentation, very informative and hands-on demo will be very helpful in dealing with medical related reference questions.

Mahalo.

Great presentation! Very informative.

The cost (of obtaining the full articles) puts the health professional searching for full-text articles at a serious disadvantage financially. Quite frustrating.

Excellent!

Very useful.

Mahalo.

Inspired me to go try some searches. Mahalo.

Thank you.

Excellent amount of info introduced for a one-session program. I would be interested in knowing a little more about the specific strengths and especially the limitations of the system to help us better decide to support the systems in the library.

Molokai:

Extremely useful on island of Molokai especially.

Thank you.

Thank you.

Thank you for starting on time and keeping within time limit and offering hands on computer time.

Thank you.

Very carefully presented, made looking up information very simple and systematic.

**Quarterly Report
Access to Electronic Health Information for the Public**

**University of California, San Diego Biomedical Libraries and
The Preuss School UCSD**

La Jolla, California

Submitted by:

**Craig Haynes
University of California, San Diego
Medical Center Library 8828
216 W. Dickinson St.
San Diego, CA 92103
619-543-6520
619-543-3289 (FAX)
craig@library.ucsd.edu**

**Marsha Korobkin
The Preuss School UCSD
9500 Gilman Drive Dept 0536
La Jolla, CA 92093
858-658-7425
858-658-0988 (FAX)
mkorobkin@ucsd.edu**

Contract Number N01-LM-6-3527

September 1, 2000 – November 30, 2000

December 12, 2000

INTRODUCTION

During this reporting period, the project team moved forward with the two major objectives of the project, i.e., website development and training. In addition to the ongoing administrative and planning activities, the investigators developed the student and faculty training curriculum, conducted a pilot training session for students and debuted the student health information web site.

I. Description of Progress toward the Project's Major Objectives

a. Administrative/Planning Activities

1. **Weekly Co-PI Planning Meetings:** C. Haynes and M. Korobkin continued their weekly meetings during this reporting period. On November 2, the investigators met with the Preuss School Principal to present an update on the project's activities and provide a revised schedule for implementation of various elements involving the students and the faculty. The Principal offered full support and was eager to assist in the promotion of the project and training for the faculty.
2. **Project Programmer:** The project programmer has continued to refine and develop the web sites for the students, faculty, school nurse and parents. The programmer consulted with one of the programmers in the Software Engineering Department at UCSD Libraries. This programmer is assisting with completion of the *customization* feature for web sites under development.

b. Publicity/Marketing

1. **Brochure and poster design.** In preparation for the official debut of the entire health information web site at the school, C. Haynes is developing posters, bookmarks and brochures and is currently interviewing local designers to assist in this process. John Lane (of Lane Designs), has been recommended by a UCSD Library Committee.

c. Product/Resource Development Activities

1. **Trainer's Handbook for Students.** This handbook presents the outline and elements of training created for trainers working with students. See **Appendix A**.
2. **Student Training Presentation Slides Used in Pilot Session.** The slides in this PowerPoint presentation, provide the details of the training as outlined in the *Trainer's Handbook for Students*. See **Appendix B**.
3. **Pilot Student Training Activity: Treasure Hunt for Health Information.** This activity was created to 1) reinforce the information that had been discussed during the training and 2)

provide fun hands-on exercises that placed the students in direct contact with the resources presented during the training session. See **Appendix C**.

4. **Pretest and Posttest.** In order to determine the knowledge level of the students in the pilot training session a pretest and a posttest were administered. See **Appendices D and E**.
5. **Student Web Site Debut.** During the pilot student training session, the Health Information @Preuss (HIP) site was launched. <http://health.ucsd.edu/hip>. See **Appendix F** for a screen dump of the site.
6. **Front Page Web Site Development.** There is an opening site to all of the health information pages at Preuss. This front page to health information at Preuss was completed during this reporting period. <http://health.ucsd.edu/hipsfp>. See **Appendix G** for a screen dump. Other components of this site that still need work are the faculty, school nurse and parents sections.

d. Site Visits/Training/Demonstration Sessions/Presentations

1. **Pilot Student Training Session and Presentation:** The investigators had planned to do the student pilot training in November, but due to a number of scheduling conflicts decided to conduct the student pilot training on December 6th. Venue: The Preuss School Computer Room is equipped with approximately 30 networked computers. The room is also equipped with a computer projector. Audience: 23 ninth graders. Purpose: 1). To test the training materials created for student training sessions and 2). To visually observe student interaction with the student health web site. Training period: 8:45am – 10:30

I. Student Pilot Training Session

- a. **8:45-8:55 – Pretest**
- b. **8:55-9:45 – Presentation/Training**
- c. **9:45-10:15 – Training Activity (Treasure Hunt)**
- d. **10:15- 10:30 - Posttest**

e. Exhibits

None during this reporting period.

II. Loansome Doc/Document Delivery Activities

None during this reporting period.

III. Evaluation Activities

- a. Student Pilot Training: Pretest and Posttest Results: During this reporting period, the investigators conducted student pilot training and administered a pretest and posttest to the students involved. Results of that test are presented in **Appendix H**. The pretest and posttests are attached in **Appendices D and E**. In four of the six areas re-tested, there was significant improvement after the training.

IV. Problems/Corrective Actions. Lessons Learned/Significant Feedback.

- a. The pilot training and manner in which the presentation was initially conducted indicates that the session should be interspersed with immediate hands-on reinforcement. Examples illustrative of the principles and concepts presented will be provided for immediate gratification by the students. This adjustment will be made in subsequent training for students.

V. Projected Activities for Next Quarter

- a. Training for faculty.
- b. Training for faculty who want to train their students.
- c. Training for students by librarians for faculty who do not choose to train their own students.
- d. Debut of the entire Health Information @Preuss Web Site.
- e. Promotion and publicity

VI. Reporting Forms for Training/Demonstration Sessions and/or Exhibit Reports (See attached form.)

Debut of the entire Health Information @Preuss Web Site.

Appendices (attached)

Appendix A



TRAINER'S HANDBOOK For Students

UCSD Medical Center Library and The Preuss School, UCSD

Funding for the creation of project training materials was provided by the National Library of Medicine (NLM) of the National Institutes of Health (NIH) Contract Number N01-LM-6-3527

**Health Information @Preuss
Trainer's Handbook
for**

STUDENTS

INTRODUCTION

Grant project goals and objectives, duration, activities, give a general statement on the importance of access to accurate health information and the proliferation of electronic health information on the Internet /Web.

PRETEST (7MINUTES)

Administer pretest

TRAINING SESSION OUTLINE

Part I: Introduction / Background (20 minutes)

Section 1: What is Health Information?

Section 2: How scientific, specifically health information is disseminated.

Section 3: How scientific, specifically health information is archived & retrieved.

Video: NLM: *"Your Key To Medical Information."*

Part II: Finding Health Information (40 minutes)

Section 1: Searching techniques and skills

Section 2: Finding aids and electronic resources in health.

Books

Magazines/Newspapers

The Internet/Web

Section 3: Principles for identifying quality and accuracy.

Section 4: Using the Health Information @Preuss Web Site.

Part III: Hands-on exercises & activities (30 minutes)

The Treasure Hunt

Questions

Post-test (3 minutes)

Part I: INTRODUCTION / BACKGROUND (20 minutes)

Section 1: What is Health Information and why is it important ?

- Health information is knowledge about your physical body and your mental state.
- Broadly speaking, health information is important for total well-being and for a long healthy life.
- Anything that affects your physical or mental well-being is important to your health. For example, your relationships at school and at home or the craving you have for foods with a very high carbohydrate or sugar element.

Section 2: How scientific, specifically health information is disseminated.

- Scientific/health information is disseminated by:
 - Oral communication (e.g., proceedings, conferences, meetings)
 - Written communication (e.g., reports, studies, research findings)
 - Journals
 - Textbooks

- Electronic communication (e.g., Internet: email, the Web)

Section 3: How scientific, specifically health information is archived & retrieved.

- Scientific/health information is archived & retrieved
 - From libraries, from the books and journals they collect
 - From online systems, e.g., specialized databases like Medline®

ACTIVITY: Video screening: *“National Library of Medicine, your key to medical information.”* (12 minutes)

Part II: Finding Health Information (40 minutes)

- Searching techniques and skills
 - The Big 6
- Finding aids and tools:
 - For books
 - Preuss School Library
 - San Diego Public Library Catalog
 - UCSD ROGER Catalog
 - For magazine/journal articles
 - UCSD/CDL Mags
 - MEDLINE_{plus}
 - For web resources
 - Health Information @Preuss (HIP)
 - Basic searching (Title word(s), keywords)
 - Advanced searching
 - Subject headings
 - Boolean operators
 - Principles for identifying quality and accuracy of web resources
 - Who sponsors the site
 - What is the source of the information/data
 - How often is the site updated
 - Identifying domains, e.g., .gov; .org; .edu
 - Certifications (e.g. HON;

Part III: Hands-on Exercises (30 minutes)

ACTIVITY: Treasure Hunt

- **Posttest** (10 minutes)

Appendix C

Treasure Hunt for Health Information

Find as many answers as you can. Use Health Information @ Preuss (HIP), the San Diego Public Library catalog and databases, or Electric Library

1. What is an endorphin(s)? What stimulates them in the body? What do they help control?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

2. What is a common way to treat sports injuries?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

3. How does penicillin kill bacteria?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

4. Are your bones solid? What would they be like if they were or weren't?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

5. If you have some kind of heart defect or disease, what kind of special dental care do you need?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

6. What does FDA stand for?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

7. What material is used to replace joints, tendons, noses, and ears?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

8. Why are reptiles dangerous pets?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

9. What effect does Echinacea have on the common cold?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

10. What are some common treatments for acne?

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

11. Write a question and find the answer:

Answer:

Where found (web site, database, title and author (if it is a book, magazine, or newspaper):

Search terms:

Appendix D

ID: _____ (Put the number you are assigned here.)

1. Scientific knowledge and information is communicated by:
 - a) journals
 - b) books
 - c) oral communication
 - d) computerized databases
 - e) all of the above
2. The largest medical library in the world is:
 - a) The UCSD Biomedical Library
 - b) The National Library of Medicine (NLM)
 - c) The Harvard Medical School Library
 - d) The Karelinski Library in Moscow
 - e) None of the above
3. Doctors do not rely on the Internet to find important information to help their patients.
 - a) True
 - b) False
4. The most important thing you should do before beginning your research on a health topic (or any topic for that matter) is:
 - a) Define your problem
 - b) Determine which resources you will use
 - c) Use the computer to search for help
 - d) A & B
 - e) None of the above
5. The Internet is a reliable source for up-to-date, accurate, scientific health information.
 - a) True
 - b) False
6. Which answer below describes Medline:
 - a) Medline is the middle line on a soccer field
 - b) Medline is the largest biomedical literature database in the world.
 - c) Medline provides drugs and other medications to Medicare patients.

- d) None of the above
7. The best way to determine if an electronic health information source provides accurate and scientific information is to:
- a) Check for the Health on the Net seal of commitment to quality health care information.
 - b) Ask your Librarian.
 - c) Ask you doctor.
 - d) Find out who sponsors the site.
 - e) All of the above.
8. Your best friend, who is 15 years old, has just been told by his doctor that he has asthma. He does not really understand what asthma is, but wants to learn more. Where will you tell him to look or where will you look to help him?
- a) Medical dictionary
 - b) Internet
 - c) Encyclopedia
 - d) A & C
9. The most important and most effective way of developing new ways of treating diseases in human beings is by:
- a) Testing on animals
 - b) Experimenting on humans
 - c) Publishing research results in the medical literature
 - d) All of the above
10. Having timely, accurate, health information will help me:
- a) Lead a more healthful life
 - b) Help my family and close friends with simple health questions
 - c) Live longer, possibly.
 - d) Be happier, possibly.
 - e) None of the above.

Appendix E

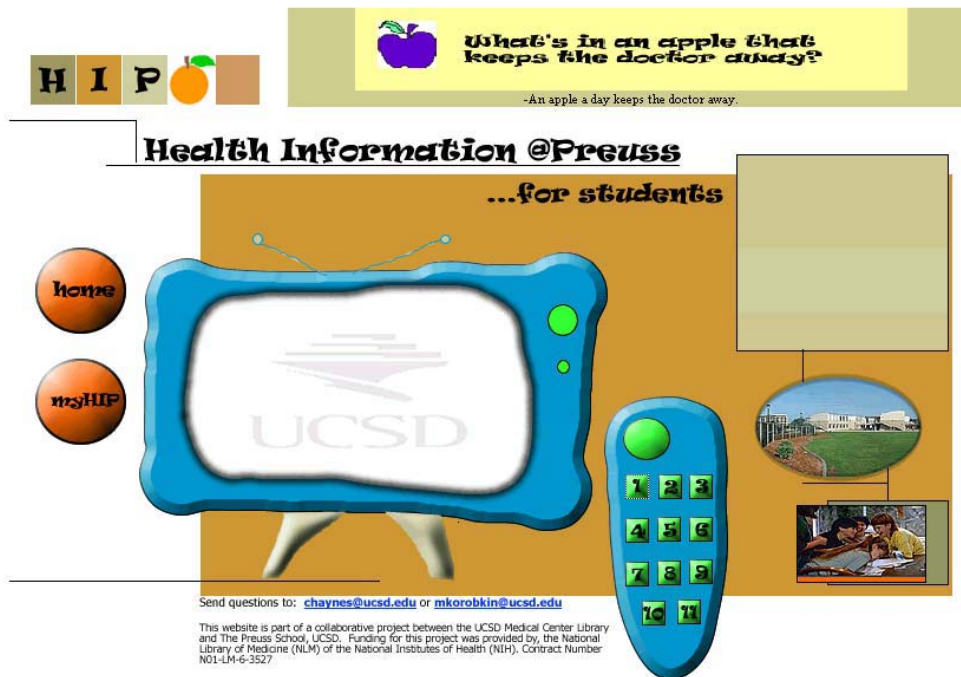
ID: _____ (Put the number you are assigned here.)

1. The _____ is the largest medical library in the world.
- a) Karelinska Library in Ukraine, Russia
 - b) The Harvard Medical School Library

- c) The National Library of Medicine (NLM)
 - d) The Library of Congress
 - e) The American Library of Medicine
2. Doctors in rural, country or non-urban settings rely on _____ to help them diagnose and treat their patients.
- a) Long distance telephone calls
 - b) Visiting city doctors
 - c) The Internet
 - d) The U.S. Mail Service
3. Scientific knowledge and information today is primarily stored in _____ and _____.
- a) Large containers.
 - b) Computerized databases.
 - c) Libraries.
 - d) Books and journals.
4. While there are a number of questionable health web sites on the Internet, two signs of quality include: _____ and _____.
- a) Health on the Net (HON) seal.
 - b) The .gov or .edu or .org in the web address
 - c) The advertising.
 - d) The sponsoring organization.
5. Tom wants to know more about the ear condition known as tinnitus. He should begin by checking a _____ for a brief, concise definition.
- a) Textbook about tin
 - b) Good medical dictionary
 - c) Otolaryngologist
 - d) Heavy metal band member
6. _____ is the world's leading online database of biomedical literature.
- a) UCSD's ROGER database

- b) San Diego Public Library's book catalog
 - c) MEDLINE
 - d) WebMD
 - e) Dr. Koop.com
7. The _____ must approve every drug before it is offered to the public as a safe, effective medication or therapy.
- a) Federal Bureau of Drugs
 - b) Federal Drug Administration
 - c) Food and Drug Administration
 - d) Federal Department of Pharmaceuticals

Appendix F



Appendix G



Appendix H

	1	2	3	4	5	6	7	8	9	10	
POSTTEST QUESTIONS	3	1	2			6	4	5			7
1	C X	XX	CX	C	C	CX	CX	XX	C	X	X
2	CC	XC	CC	X	C	XC	CC	CC	C	X	C
3	CC	XC	CC	X	X	XC	XX	XX	C	X	X
4	C	C	C	C	C	X	C	C	X	X	
5	C C	C C	X C	C	C	C C	C C	X C	C	X	X
6	CC	CC	CX	C	X	CC	XX	XC	X	X	X
7	CX	CC	CC	C	C	CX	XX	XX	X	X	X
8	CX	XC	CC	C	C	CC	XX	CX	X	X	X
9 (10)	CX	XX	XX	X	C	XC	XC	XC	X	X	X
10	CX	XC	XC	C	C	XX	XX	XC	X	X	X
11	C X	XC	XC	C	C	CC	C C	CC	X	X	X
12	CX	CC	CC	C	C	XC	CX	X C	X	X	C
13	CX	XC	CC	X	C	XC	CX	CC	C	X	C
14	CX	CC	CC	C	X	XC	X X	CC	C	X	X
15	CX	CC	CC	C	C	CC	XX	XC	X	X	X
16	CX	CX	CC	C	C	XX	CX	XC	X	X	X
17	CX	XC	CC	X	C	CC	CC	XX	X	X	C
18	CX	XC	CC	C	C	CC	CC	XC	X	X	C
19	CX	XX	XC	C	X	XX	XC	XC	X	X	X
20	CX	CC	CC	C	C	XC	CX	CC	X	X	X
21	XC	CC	XC	X	C	XC	XC	XC	X	X	X
22	CX	XX	CC	C	C	CC	XC	XX	X	X	X
23	X	X	X	C	C	X	X	X	X	X	
$\equiv \alpha\Lambda$ $\Pi \Delta \Delta \Sigma$ $\div \equiv \Delta \div$	21	11	16	17	19	10	11	7	6	0	
$\Pi \Delta \div \Delta \Rightarrow$	91%	48%	70%	74%	83%	43%	48%	30%	26%	0%	
$\equiv \alpha\Lambda$ $\Pi \equiv \Sigma \Delta \Sigma$ $\div \equiv \Delta \div$	5	16	18			16	9	16			5
$\Pi \Delta \div \Delta \Rightarrow$	28%	73%	82%			73%	41%	73%			28%

OUTREACH REPORTING FORM
(Reporting forms should be included with Quarterly Reports)

1. DATE OF ACTIVITY:

December 6, 2000

2. TYPE OF ACTIVITY :

☐ NLM SYSTEM
SESSION

☐ OTHER INTERNET
SESSION

☐ TECHNOLOGY
AWARENESS

☐ TRAIN THE
TRAINER

☐ OTHER (PLEASE SPECIFY):
Student Pilot Training for Access to
Electronic Health Information

**3. ASSOCIATION/INSTITUTION SPONSORING
ACTIVITY:**

University of California,
San Diego Medical
Center Library & The
Preuss School UCSD

**4. ASSOCIATION/INSTITUTION CONDUCTING
ACTIVITY:**

Same

**5. OTHER COLLABORATING (OR COOPERATING)
INSTITUTION:**

6. LOCATION WHERE ACTIVITY OCCURRED:

A. CITY **La Jolla**

B. STATE **CA**

C. ZIP CODE **92093**

D. COUNTY

San Diego

E. CONGRESSIONAL
DISTRICT **49th**

**7. LENGTH OF ACTIVITY
(HOURS):**

1 hour 45 minutes

8. HANDS ON PRACTICE ☐ YES ☐ NO

9. CEU ☐ YES
CME ☐ YES

☐ NO
☐ NO
☒ NOT APPLICABLE

10. SIGNIFICANT
NUMBER OF
MINORITIES
PRESENT (>50%)

☒ YES ☐ NO

Yes > 50%

11. NUMBER OF PERSONS WHO ATTENDED:

CATEGORY

AFFILIATED

UNAFFILIATED¹

UNKNOWN

CONSUMERS

DO NOT FILL IN

DO NOT FILL IN

OTHERS (PLEASE SPECIFY)

Preuss School Students (9th Grade)

23

UNIDENTIFIED HEALTH PROFESSIONALS

TOTAL

23

¹Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: Craig Haynes 619-543-6520

**Access To Electronic Information
Report to PSRML / NN/LM**

**PlaneTree Health Library
98 N. 17th Street
San Jose, CA 95132
www.planetreesanjose.org**

Candace Ford, Director

Library: 408/977-4549

Voicemail: 408/993-7109

Email: planetree@ix.netcom.com

**Quarterly report: #3
Aug 1 – October 31, 2000**

I. Description of progress toward the project's major activities

CONSUMERS

- 4 volunteer workshops were conducted at the Grail Community Center for 7 volunteers who expressed interest in working two hours a week in the branch library there. None of the volunteers are users of public libraries, yet their interest and motivation in learning about the health library was high. Various basic information was covered at each workshop, including how the library is organized, how health and medical information is indexed, how to assist patrons, etc. Each of the first 3 workshops included a brief time on the center's Internet-connected computers to further familiarize the volunteers in access to Spanish language health sites. The 4th workshop was devoted entirely to helping the women become more confident using the Internet. Before the volunteer training began in the previous quarter, only one of the women had ever used a computer before. The excitement about using the PlaneTree computer and the other ones at the Center was very high among this user group. These workshops were conducted in both English and Spanish since some of the volunteers are mono-lingual Spanish speaking.
- Grail Community Center director and PlaneTree director hosted 2 meetings with directors of 4 other health-related agencies, which serve the Mayfair neighborhood. The focus of these meetings, held in the library area at the Grail, was to explore potential partnerships and grant opportunities to provide targeted parenting classes, expand the women's support group that meets weekly at the Grail, and provide additional community needs assessment. Additional meetings will further develop the potential of the new collaborative enthusiastically identified by the group of agency leaders.
- A part time person with excellent computer searching experience was recruited from the neighborhood to work on the goals of this project. After two in-depth interviews with PlaneTree and Grail Center staff, she also sat in on 2 of the volunteer workshops mentioned above. However, soon after formal application to per diem status, she had an extreme family emergency which caused her to withdraw from the project. That left the library assistant position at the Grail and the outreach librarian position at Planetree still unfilled. Staff from the main PlaneTree library and the Grail Community Center continue to support the volunteers' efforts and the goals of the project.
- 64 people browsed, borrowed, or researched at the Grail library this quarter. This figure may be lower than actual use since, due to open positions, library staff is not present during many of the hours that the library collection and library computer is available during the day and also during ESL classes in the evening.
- PlaneTree director had lengthy meeting with the head of the Grail Technology Center regarding the availability of web design software and technical support. "Dream Weaver" and other state-of-the-art software are available to Planetree staff in designing the specific "health information access page" outlined in our contract. He had been supportive of the

new health library and was eager to assist the library staff on the web page design. However, a month after this meeting, he resigned from the Grail for other opportunities. His position remains unfilled.

PROFESSIONALS

- Administrators from Gardner Family Health Network, a series of community clinics which serve underserved populations, including the Mayfair Neighborhood which surrounds the Grail, has consistently expressed interest in our offer to train the physicians, nurse practitioners, et al on PubMed. The clinic network has had many challenges since the summer, including downsizing, new union activities, etc. We had scheduled an overview of online searching and the offer of appointments for their October provider meeting. However, the meeting was postponed at the last minute. In preparation for the meeting, we created a handout (enclosed) “Finding answers to clinical questions using the Internet.” The medical director has indicated that in the new year he will make our participation at the provider meeting a priority.

II. PlaneTree’s Loansome Doc services has grown dramatically since July 1. We are one of the few medical libraries offering ILL services to the general public. As services at “PlaneTree at the Grail” mature, and after PubMed training for the Gardner health care professionals, our ILL services specific to this contract will also grow.

III. Evaluation activities are informal at this time.
Replacement of the part time PlaneTree outreach librarian and the Grail library assistant positions (vacated June 1 and Aug 1 respectively and still unfilled) will allow resumption of evaluation components in the project outline.

IV. Problems encountered / corrective action:
The two unfilled part-time positions and the extremely tight job market continue to challenge our timely fulfillment of project goals during this quarter. The training of a cadre of volunteers helped to staff the library intermittently. Consistent, onsite oversight as well as other health information activities will return when the positions are filled. An excellent candidate for the part time library assistant has been identified. Oralia Tercero has volunteered at the main PlaneTree library for several months, having come first as a patron, on referral from a public library. She moved here from Honduras this year where she worked in health-related social services. Oralia recently received her work permit. We are very enthusiastic about her interest in working at PlaneTree at the Grail and her employment application is pending.

V. Projected activities for next quarter:

- 1) Hire and train new library assistant (see above)
- 2) Continue recruitment for outreach librarian
- 3) Provide general library reference and Internet training to consumers

- 4) Make presentation regarding PubMed and other Internet training to Gardner Family Health Network monthly meeting and offer individual appointments at the Grail, PlaneTree main library, or the clinic/health care professional's office.

VI. Lessons Learned; Impact Noted:

Personal stories about persons who are not typical library users provide powerful anecdotal evidence about the meaning of a small health library in a community center: After several meetings in the library area and general introduction to the library's resources, one member of the women's support group purchased her borrower's card (\$2.00) and began to borrow books and tapes. Weeks later she reported to the Grail Center director that she was walking outside her neighborhood with a friend and saw a sign for the public library. "I went in there and saw all those children's books! I got some and went to the desk. I gave them my library card but they said that was for PlaneTree and I could get another one for the public libraries." Director Veronica Goie commented, "She was a middle aged woman who had not been in a public library before. I'm sure her initial introduction to the PlaneTree branch in our Center gave her the confidence and the curiosity to take the next step."

Finding answers to clinical questions using the Internet.

Suggestions from medical librarians at PlaneTree Health Library
for the clinical staff of Gardner Family Health Network

(developed under a contract "Access to Electronic Health Information for the Public"
from the National Network of Libraries of Medicine, Pacific Southwest Region)

BACKGROUND: What kind of questions do family doctors ask?

"What is the cause of symptom X;": "What is the dose of drug X;" and "How should I manage disease or finding X" may be the most common types.

(See: Ely, John W.; Osheroff, Jerome A.; Ebell, Mark H.; Levy, Barcey T.; Chambliss, M. Lee, and Evans, Eric R. Analysis of questions asked by family doctors regarding patient care. British Medical Journal. 1999 August 7; 319(7206): 358-361.

<http://www.bmj.com/cgi/content/full/319/7206/358>)

Can your questions be answered by the medical literature?

Searching the medical literature to answer the questions of primary care physicians can be successful in retrieving recent, relevant information, and provide "a clear answer" to the question, but the cost of using bibliographic retrieval is high, and fewer than a third of the articles retrieved contain high quality evidence.

(See: Gorman, Paul N.; Ash, Joan, and Wykoff, Leslie. Can primary care physicians' questions be answered using the medical journal literature? Bulletin of the Medical Library Association. 1994 April; 82(2):140-146. ISSN: 0025-7338.)

Which resources can be used to seek answers to clinical questions in primary care?

The personal library of a family physician can provide answers to some questions (a recent textbook for example can be the best place to find the gross anatomy of the knee, or the classical prognosis information for diabetes mellitus). However much of peer-reviewed research (some of which is valid, and clinically important) is published in the form of journal articles. Medical journals themselves, while still a print form, have an increasing electronic presence. Databases that index journal articles have been available in electronic form for some decades and are now mostly Web-based. Similarly secondary publications that summarize, evaluate and comment on journal articles and other research publications can be largely found on the Web.

So, while everything is not on the Internet, and the Internet is distressingly chaotic, good resources can be found and used to answer clinical questions in primary practice. What follows is a very small selection of some of the best non-commercial sites.

1.PUBMED

<http://www.ncbi.nlm.nih.gov/PubMed/>

MEDLINE is the premiere source of bibliographic information on journal articles in clinical medicine. It also provides extensive coverage of nursing and dentistry. It is produced by the U.S. National Library of Medicine but is international in scope. It contains bibliographic references

to articles, with the original abstract if available, plus added terms (known as MeSH) that categorize the type and subject matter of the articles.

PubMed is a freely available web-version of MEDLINE. With more than 9 million references and dating back to the 1960s MEDLINE can produce overwhelming results. Clinicians may find it helpful to use the Clinical Queries subset of PubMed:

<http://www4.ncbi.nlm.nih.gov/PubMed/clinical.html>

Clinical Queries use built-in search "filters" to obtain references in four study categories--therapy, diagnosis, etiology, prognosis. One can choose to make the search more sensitive (i.e., including most relevant articles, but also probably some less relevant ones), or more specific (i.e. including mostly relevant articles but probably omitting a few).

2. SUMSearch

<http://sumsearch.uthscsa.edu/searchform4.htm>

This search engine provides links to PubMed, the National Guideline Clearinghouse and DARE (see below). It has been developed by staff at the University of Texas Health Science Center at San Antonio, Texas to automate searching for evidence-based medical information.

3. Cliniweb

<http://www.ohsu.edu/clinweb/>

CliniWeb is produced by the Oregon Health Sciences University. It is an index and table of contents to clinical information on the World Wide Web. It now allows search terms to be entered in five different languages (English, German, French, Spanish, Portuguese) and has direct links to MEDLINE searches via the PubMed system. The CliniWeb database can be accessed by searching - using the SAPHIRE look-up system and by browsing - through the MeSH controlled vocabulary.

4. Cochrane Library

<http://www.update-software.com/ccweb/cochrane/revabstr/mainindex.htm>

The Cochrane Library consists of systematic reviews of mostly clinical topics, which are regularly updated as new evidence appears. Strict protocols are followed in the compilation of the Reviews. It is an electronic publication published quarterly on CD-ROM and the Internet, and is distributed as a fee-based subscription. The Abstracts of Cochrane Reviews however, are available without charge and can be browsed or searched at the above URL. Cochrane Reviews are also indexed in MEDLINE.

5. Database of Abstracts of Reviews of the Evidence (DARE)

<http://agatha.york.ac.uk/darehp.htm>

Produced by the British National Health Service Centre for Reviews and Dissemination, DARE is a quick source of bibliographic information of systematic reviews on the effectiveness of health care interventions and the organization of health care delivery. The structured abstracts in

the database provide comment on the quality of the review's methodology. Included in the Cochrane Library (see above), and in Ovid's Evidence-Based Medicine Reviews (EBMR), a fee-based database designed for use by clinicians, researchers and students. DARE is also indexed by TRIP (see below) and SUMSearch.

6. Turning Research Into Practice Database

<http://www.tripdatabase.com/>

The TRIP Database, produced by another branch of the British National Health Service, is a search engine that searches across 61 sites of high-quality medical information. The result of searches in the TRIP database are links to specific 'evidence-based' material on the web as well as articles from premier on-line journals such as the British Medical Journal, JAMA, and the New England Journal of Medicine.

What other Internet resources would be useful in primary care?

Internet sampler: Primary care resources.

<http://nnlm.nlm.nih.gov/samplers/pcs.html>

Compiled by the Pacific Northwest Region of National Network of Libraries of Medicine. It lists useful web sites for family physicians and other primary care practitioners.

MEDLINEplus

<http://medlineplus.nlm.nih.gov/medlineplus/>

For both consumers and health care professionals. This service provides access to extensive information about specific diseases and conditions and also has links to consumer health information from the National Institutes of Health, dictionaries, drug information, lists of hospitals and physicians, health information in Spanish and other languages, and clinical trials. There is no advertising on this site, nor does MEDLINEplus endorse any company or product.

TOXNET

<http://toxnet.nlm.nih.gov/>

Produced by the National Library of Medicine this is a cluster of free databases on toxicology, hazardous chemicals and related areas.

To make your personal appointment for PubMed and other NLM database training, please contact PlaneTree director Candace Ford

PlaneTree Health Library

98 N. 17th Street

San Jose, CA 95112 408/977-4549 www.planetreesanjose.org

October 2000

OUTREACH REPORTING FORM August 2000 (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: Aug 3; Aug. 17; Aug. 24			
2. TYPE OF ACTIVITY: <input type="checkbox"/> NLM SYSTEM SESSION <input type="checkbox"/> OTHER INTERNET SESSION <input checked="" type="checkbox"/> TECHNOLOGY AWARENESS <input type="checkbox"/> TRAIN THE TRAINER <input type="checkbox"/> OTHER (PLEASE SPECIFY):			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: PlaneTree Health Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PlaneTree Health Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: Grail Community Resource Center			
A. CITY San Jose		B. STATE CA	C. ZIP CODE 95116
D. COUNTY Santa Clara		E. CONGRESSIONAL DISTRICT #5	
7. LENGTH OF ACTIVITY (HOURS): Technology awareness section of library training approx. .5 hour for each of three sessions (see narrative)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO minimal; new computer users	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: seven			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
CONSUMERS all consumers			8
OTHERS (PLEASE SPECIFY) Community Center Director who translated training into Spanish			
TOTAL			8
Person submitting form: Candace Ford, PlaneTree Health Library, San Jose 408/993-7109			

OUTREACH REPORTING FORM August 2000			
1. DATE OF ACTIVITY: Sept. 7, 2000			
2. TYPE OF ACTIVITY: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> NLM SYSTEM SESSION <input checked="" type="checkbox"/> OTHER INTERNET SESSION </div> <div style="width: 45%;"> TECHNOLOGY AWARENESS <input type="checkbox"/> TRAIN THE TRAINER </div> <div style="width: 10%; text-align: right;"> <input type="checkbox"/> OTHER (PLEASE SPECIFY): </div> </div>			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: PlaneTree Health Library			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PlaneTree Health Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: Grail Community Resource Center			
A. CITY San Jose	B. STATE CA	C. ZIP CODE 95116	
D. COUNTY Santa Clara	E. CONGRESSIONAL DISTRICT #5		
7. LENGTH OF ACTIVITY (HOURS): 1.5 hours of guided instruction and hands-on work. Each consumer had own computer		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input type="checkbox"/> NO CME <input type="checkbox"/> YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> NOT APPLICABLE		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED: seven			
CATEGORY	AFFILIATED	UNAFFILIATED¹	UNKNOWN
CONSUMERS all consumers			8
OTHERS (PLEASE SPECIFY) Community Center Director who translated training into Spanish			
UNIDENTIFIED HEALTH PROFESSIONALS			
TOTAL 8 Person submitting form: Candace Ford, PlaneTree Health Library, San Jose 408/993-7109			8

APPENDIX B

Outreach Reporting Forms

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 20, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: Sedona Medical Center			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sedona	B. STATE AZ	C. ZIP CODE 86336	
D. COUNTY Yavapai County	E. CONGRESSIONAL DISTRICT 3rd		
7. LENGTH OF ACTIVITY 2 hrs (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Research Assistants		2	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		2	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 21, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Cottonwood	B. STATE AZ	C. ZIP CODE 86326	
D. COUNTY Yavapai County	E. CONGRESSIONAL DISTRICT 3rd		
7. LENGTH OF ACTIVITY 2 hrs (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Physician	1		
Dietitian		1	
Public Health Professional		11	
Patient Registration Clerk	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	2	12	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 21, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Cottonwood		B. STATE AZ	
D. COUNTY Yavapai County		C. ZIP CODE 86326	
E. CONGRESSIONAL DISTRICT 3rd			
7. LENGTH OF ACTIVITY 2 hrs (HOURS)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Library volunteer	1		
Social Work Clerk	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	2		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 21, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION: Sedona Medical Center			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Sedona	B. STATE AZ	C. ZIP CODE 86336	
D. COUNTY Yavapai County	E. CONGRESSIONAL DISTRICT 3rd		
7. LENGTH OF ACTIVITY 2 hrs (HOURS)	8. HANDS ON PRACTI <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORIT <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO PRESENT (>50%)		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Physician		7	
Office Staff		3	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL		10	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
 Hamasu (310) 825-2183

(Reporting forms should be included with Quarterly Reports)

TYPE OF ACTIVITY: ☒ NLM System ☐ Technology Awareness ☐ Other
(please specify) ☒ Other Internet Session ☐ Train the Trainer

4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML

6. LOCATION WHERE ACTIVITY OCCURRED

C. ZIP CODE 86326

E. CONGRESSIONAL DISTRICT 3rd

8. HANDS ON PRACTICE ☒ YES ☐ NO

10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) ☐ YES ☒ NO

CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Laboratory Technician	2		
Physician	3		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	5		

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 23, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Cottonwood		B. STATE AZ	
D. COUNTY Yavapai County		C. ZIP CODE 86326	
E. CONGRESSIONAL DISTRICT 3rd			
7. LENGTH OF ACTIVITY 2 hrs (HOURS)		8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Nurse	1	2	
Patient advocate		6	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	1	8	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 24, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Cottonwood	B. STATE AZ	C. ZIP CODE 86326	
D. COUNTY Yavapai County	E. CONGRESSIONAL DISTRICT 3rd		
7. LENGTH OF ACTIVITY 2 hrs (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Librarian		4	
Library Technician		3	
Library Volunteer	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	1	7	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: October 24, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Verde Valley Medical Center			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Cottonwood	B. STATE AZ	C. ZIP CODE 86326	
D. COUNTY Yavapai County	E. CONGRESSIONAL DISTRICT 3rd		
7. LENGTH OF ACTIVITY 2 hrs (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Physician	2		
Pharmacist	1		
Infection Control Coordinator	1		
Administrative Assistant		1	
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	4	1	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

11. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
 Hamasu (310) 825-2183

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: November 8, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Guam Memorial Hospital			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Tamuning	B. STATE GU	C. ZIP CODE 96911	
D. COUNTY	E. CONGRESSIONAL DISTRICT		
7. LENGTH OF ACTIVITY (HOURS) 1	8. HANDS ON PRACTIC <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
9. CEU <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO CME <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Nurses	10		
UNIDENTIFIED HEALTH PROFESSIONS	5		
TOTAL	15		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310) 825-1200

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: November 8, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology Awareness <input type="checkbox"/> Other (please specify) <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Guam Memorial Hospital			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Tamuning		B. STATE GU C. ZIP CODE 96911	
D. COUNTY		E. CONGRESSIONAL DISTRICT	
7. LENGTH OF ACTIVITY (HOURS) 1		8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	
9. CEU <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO CME <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Physician	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	1		

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
 Hamasu (310) 825-1200

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: Thursday, November 9, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input checked="" type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: 'The Association of Military Surgeons of the United States (AMSUS) 2000 All Services Information Technology Showcase'			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: Pacific Southwest Regional Medical Library			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED: Las Vegas Hilton Hotel			
A. CITY Las Vegas	B. STATE NV	C. ZIP CODE 89109	
D. COUNTY Clark County	E. CONGRESSIONAL DISTRICT: First District		
7. LENGTH OF ACTIVITY 1.5 (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED: 65			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Administrators and Health Educators to the AMSUS			
Nurses			
Physicians			
Physician Assistants			
Psychologists			
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL			65

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: **Elaine Graham, 310-825-1984**

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: November 10, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Pacific Island Association of Libraries and Archives			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY Tumon	B. STATE GU	C. ZIP CODE 96911	
D. COUNTY	E. CONGRESSIONAL DISTRICT		
7. LENGTH OF ACTIVITY (HOURS)	8. HANDS ON PRACTICE <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Librarians		9	
Nurse	1		
UNIDENTIFIED HEALTH PROFESSIONS			
TOTAL	1	9	

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
 Hamasu (310) 825-1200

(Reporting forms should be included with Quarterly Reports)

TYPE OF ACTIVITY: ☒ NLM System ☐ Technology Awareness ☐ Other
(please specify) ☐ Other Internet Session ☐ Train the Trainer

4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML

6. LOCATION WHERE ACTIVITY OCCURRED

E. CONGRESSIONAL DISTRICT

8. HANDS ON PRACTIC ☐ YES ☒ NO

10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) ☐ YES ☒ NO

CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
Nurses	3		
UNIDENTIFIED HEALTH PROFESSIONS			5
TOTAL	3		5

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C
Hamasu (310)825-1200

OUTREACH REPORTING FORM (Reporting forms should be included with Quarterly Reports)			
1. DATE OF ACTIVITY: December 20, 2000			
TYPE OF ACTIVITY: <input checked="" type="checkbox"/> NLM System <input type="checkbox"/> Technology <input type="checkbox"/> Other (please specify)			
Awareness <input checked="" type="checkbox"/> Other Internet Session <input type="checkbox"/> Train the Trainer			
3. ASSOCIATION/INSTITUTION SPONSORING ACTIVITY: Council of Community Clinics			
4. ASSOCIATION/INSTITUTION CONDUCTING ACTIVITY: PSRML			
5. OTHER COLLABORATING (OR COOPERATING) INSTITUTION:			
6. LOCATION WHERE ACTIVITY OCCURRED			
A. CITY San Diego	B. STATE CA	C. ZIP CODE	
D. COUNTY San Diego	E. CONGRESSIONAL DISTRICT		
7. LENGTH OF ACTIVITY (HOURS)	8. HANDS ON PRACTICE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		
9. CEU <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO CME <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO	10. SIGNIFICANT NUMBER OF MINORITIES PRESENT (>50%) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
11. NUMBER OF PERSONS WHO ATTENDED:			
CATEGORY (List by profession or specialty)	AFFILIATED	UNAFFILIATED*	UNKNOWN
UNIDENTIFIED HEALTH PROFESSIONS			16
TOTAL			16

* Unaffiliated is defined as lacking attending privileges at a hospital which has a medical library or not on the faculty (full-time, part-time adjunct or clinical) of a professional school.

12. NAME AND TELEPHONE NUMBER OF PERSON SUBMITTING FORM: C Hamasu (310)825-1200

APPENDIX C

Exhibit Forms

EXHIBIT REPORT

Date: 12/01/00
Submitted by: Heidi Sandstrom
Exhibit Information:

Name of Meeting: Hawaii Library Association 2000 Annual Conference
Location: Kauai, HI
Dates: November 3-4, 2000
Staff: Heidi Sandstrom
Number of Registrants: 160
Number of Exhibits: 36

	<u>Hours</u>	<u>Visitors (No demo)</u>	<u>NLM Demos</u>
11/03/00	8 AM-4 PM	12	5
11/04/00	8 AM-5PM	19	7

Exhibit Summary:

This year's Hawaii Library Association 2000 Annual Conference was held at the Sheraton Kauai Resort on the island of Kauai. PSRML exhibited over a fifteen-hour time period on Friday and Saturday (one hour lunch breaks were scheduled each day). There were no pre-exhibit meetings or distributions of pre-mailers, letters, or invitations prior to this conference. The PSRML exhibit booth was located on the entrance aisle, just inside the entrance to the left. Attendance in the exhibit hall was light; the only program-free time was from 8-9 AM each day. Overall, 31 visitors came to the booth; I gave 12 demonstrations of NLM information services.

Christine Sato, librarian of the Consumer Health Information Service (CHIS), Hawaii Medical Library, and I collaborated on the presentation *HI/Hi: Health Information for Hawaii*. This hour-long presentation/demonstration on Friday morning had an enthusiastic audience of 11 (only 2 librarians had visited the exhibit booth before the presentation). While I highlighted the programs and services of NLM and the NN/LM, Christine spoke about the EAHIP project of Hawaii Medical Library, which is currently receiving funding from NLM. She also spoke about the existing programs and services of CHIS, which support access to consumer health information throughout the state. Christine mentioned that she is not very comfortable giving presentations, but that this was such a positive experience for her that she is looking forward to doing more in the future. The PowerPoint slides and photos from this presentation can be viewed through the Presentations link on the PSRML consumer health page at <http://www.nnlm.nlm.nih.gov/psr/chi/>.

Of note is that our booth was adjacent to the IRS booth. While NLM is promoting public access to health information through public libraries and the Internet, the IRS is promoting public access to tax information in a similar way. They have an interesting online resource for teens, called TAXi. The goal of TAXinteractive is to educate teenagers about the U.S. tax system, the effect of taxes on their day-to-day lives, and new electronic ways to file tax returns. The IRS Web site is at <http://www.irs.gov/> and TAXi is at <http://www.irs.gov/taxi/index.html>.

The biggest disappointment of exhibiting at this conference was the light attendance in the exhibit hall, probably a result of too little program-free time and the number of exhibitors at such a small meeting.

Most librarians I spoke to at this conference were not aware of the national and local resources available to meet the health information needs of the public; they were very grateful to find out about them. A couple librarians commented on how easy it is to navigate MEDLINE*plus*.



National Network of
Libraries of Medicine

Pacific Southwest Region

HAWAII LIBRARY ASSOCIATION ANNUAL CONFERENCE
November 3-4, 2000
INTERNET CONSUMER HEALTH INFORMATION

Explore free sites from the National Library of Medicine and elsewhere!

MEDLINEplus

<http://medlineplus.gov>

The **National Library of Medicine's** web site for free consumer health information.
Includes:

- ◆ **Health Topics** - Information on over 400 conditions, diseases and wellness, plus a medical encyclopedia.
- ◆ **Drug Information** - On over 9,000 generic and brand name prescription and over-the-counter drugs.
- ◆ **Clinical Trials** - Information about current clinical research studies from NIH
ClinicalTrials.gov.
- ◆ **Dictionaries** - Spellings and definitions of medical terms.
- ◆ **Directories** - Locations and credentials of doctors, dentists and hospitals.
- ◆ **Other Resources** - Access to organizations, consumer health libraries, publications, Medline, and more.
- ◆ **MEDLINEplus Tour** - Online tutorial:
<http://www.nlm.nih.gov/medlineplus/tour/tour.html>

PubMed

<http://www.ncbi.nlm.nih.gov/PubMed>

PubMed is a user-friendly version of **MEDLINE**, the National Library of Medicine's free database of references to more than 11 million **articles** published in 4300 **biomedical journals**. Searching by topic provides a list of articles. Many include article abstracts, and sometimes a link to the full article. Users may sign up for Loansome Doc for document delivery services (there may be local charges).

FOR LIBRARIANS

HealthInfoQuest

<http://www.nlm.nih.gov/healthinfoquest>

Pathfinders designed for public librarians and health information specialists in a tutorial format. There are over a dozen typical public library questions demonstrated using authoritative and reliable resources.

Librarian & Health Educator Resources

<http://www.nlm.nih.gov/libinfo>

A launching place for librarians that facilitates health information access. This site, from the National Network of Libraries of Medicine, includes information on U.S. health libraries, classes and training materials, public health information, funding information, ejournals, information on DOCLINE interlibrary loan and Loansome Doc services, and links to internet resources.

Consumer Health Web Manual

<http://www.nlm.nih.gov/scr/conhlth/manualidx.htm>

An online manual with various chapters written by health sciences librarians. Sixteen chapters cover topics useful for organizing consumer health collections. Includes everything from consumer health video resources to tools for evaluating consumer health web sites.

FOR CONSUMERS

Deciphering Medspeak

<http://www.mlanet.org/resources/medspeak/index.html>

Produced by the Medical Library Association, this web site helps consumers and librarians decipher "medspeak," the specialized language of health professionals. Also includes sections on deciphering prescription shorthand called "Rx Riddles Solved" and a page on diagnosing web sites with useful links.

healthfinder[®]

<http://www.healthfinder.gov>

A free English/Spanish gateway to reliable consumer health and human services information developed by the U.S. Department of Health and Human Services.

NOAH: New York Online Access to Health

<http://www.noah.cuny.edu>

NOAH provides full-text health information for consumers that is accurate, timely, and relevant. NOAH supports both English and Spanish usage.

National Women's Health Information Center

<http://4women.gov>

The National Women's Health Information Center provides a gateway in English and Spanish to the vast array of Federal and other women's health information resources.

KidsHealth.org

<http://www.kidshealth.org>

Created by the Nemours Foundation, KidsHealth.org has information on infections, behavior & emotions, food & fitness, and growing healthy as well as games and animations.

DIRECTORIES OF REVIEWED MEDICAL SITES

BioSites

<http://www.library.ucsf.edu/biosites>

Hardin Meta Directory

<http://www.lib.uiowa.edu/hardin/md/index.html>

HealthWeb

<http://healthweb.org>

Librarian's Index to the Internet: Health and Medicine

<http://lii.org/search/file/health>

MedWeb

<http://www.medweb.emory.edu/MedWeb>

Medical Matrix

<http://www.medmatrix.org>

How can I tell if I've found good information on the Internet?

Ask yourself if a Web site meets the following guidelines:

- ◆ Information content is from a respected source, is accurate and current.
- ◆ Information provided is readable, well-organized and easy to use.
- ◆ Information supports existing doctor/patient relationships.
- ◆ The purpose of the site is to inform, and not to sell a product or service.
- ◆ Confidentiality of site visitor data, including identity, is respected.

Funded by the National Library of Medicine under contract NO1-LM-6-3567 with the Pacific Southwest Regional Medical Library

10/17/00

EXHIBIT REPORT

Date: November 20, 2000

Submitted by: Heidi Sandstrom

Exhibit:

Name of Meeting: Association of Rehabilitation Nurses Annual Conference

Location: Reno, NV

Dates: October 11-13, 2000

Staff: Catherine Brown

Terry Henner, University of Nevada Reno, Savitt Medical Library

Number of Registrants: 1,000

Number of Exhibits: 100

	<u>Staff</u>	<u>Hours</u>	<u>Visitors (No demo)</u>	<u>NLM Demos</u>
10/11/00	CB/HS	5-7 PM	49	24
10/12/00	CB/HS	10-1; 2:30-3	59	20
10/13/00	TH/HS	11-1 PM	11	13

Exhibit Summary:

There were no pre-exhibit meetings or a distribution of pre-mailers, letters, or invitations for this exhibit. The booth was located on the second aisle to the right of the entrance, about a third of the way down the aisle—a good location. We did not do a formal presentation/demonstration at this meeting. No problems were encountered during the exhibit; we did have to run extra copies of our handout in response to visitor demand. According to the exhibitor prospectus, rehabilitation nurses "...take a holistic approach to meeting patients' medical, vocational, educational, environmental, and spiritual needs." Because of the nature of this specialty, these nurses have a great impact on the lives of the patients and families they work with; they indicated that their greatest interest is in teaching materials. They found the resources of MEDLINE*plus*, in particular, reflected their holistic and educational approach. They were pleased with the coverage of health topics, especially those dealing with speech, mobility, pain management, and alternative/complementary issues. They were quite impressed with the USP DI II resource and thought it would be very useful for them and for their clients. A high percentage of rehabilitation nurses are involved in recommending and purchasing products and services, so a majority of exhibitors addressed these needs (i.e. providing assistive devices, skin care products, etc.). The National Stroke Association was the other exhibitor, in addition to the NN/LM, which provided information and education resources; no other MEDLINE information providers were at this meeting. Although this is a small group, it is an enthusiastic one. I would recommend exhibiting at this meeting at least biannually.



National Network of
Libraries of Medicine

Pacific Southwest Region

REHABILITATION INFORMATION RESOURCES ON THE INTERNET

Explore free sites from the National Library of Medicine and elsewhere!

MEDLINEplus

medlineplus.gov

Resources for the health information consumer from the National Library of Medicine. Includes topic pages for free full-text information on Rehabilitation, Aphasia, Disabilities, Urinary Incontinence, Pressure Sores, Stroke, Elder Abuse, and more. The latest consumer health information is available along with links to pre-configured MEDLINE® searches.

PubMed

www.ncbi.nlm.nih.gov/PubMed

PubMed is a user-friendly version of MEDLINE, the National Library of Medicine's free database of references to more than 11 million articles published in 4300 biomedical journals. Searching by topic provides a list of articles which includes the author, title of the article, name of the journal, date published, and page numbers. Many also have article summaries (abstracts), and sometimes a link to the full article. Use Loansome Doc for document delivery services (there may be local charges).

Combined Health Information Database

chid.nih.gov

The Combined Health Information Database is a bibliographic database produced by health-related agencies of the Federal Government. It provides titles, abstracts, and availability information for health information and health education resources. CHID lists a wealth of health promotion and education materials, and program descriptions that are not indexed elsewhere.

National Institute of Neurological Disorders and Stroke

www.ninds.nih.gov

NINDS is the nation's leading supporter of biomedical research on disorders of the brain and nervous system. A "disorders" section includes basic descriptions of neurological disorders.

Association of Rehabilitation Nurses**rehabnurse.org**

The ARN site provides continuing education credit opportunities, conference offerings, publications to order, Job Mart, an online forum, and a list of related sites.

American Academy of Physical Medicine & Rehabilitation**www.aapmr.org**

The premier medical society for the specialty of physical medicine and rehabilitation. In addition to professional information for physicians, there are brief summaries for consumers about some conditions.

American Occupational Therapy Association**www.aota.org**

Offers useful information for practicing occupational therapists and occupational therapy students. Topics covered include continuing education, conference information, consumer fact sheets, and current legislation concerning occupational therapy.

American Physical Therapy Association**www.apta.org**

The American Physical Therapy Association web page provides information regarding the research, practice, and education needs of physical therapists, physical therapist assistants, and students. Beginning in 1999, the site also provides full-text articles from the journal *Physical Therapy*.

National Clearinghouse of Rehabilitation Training Materials**www.nchrtm.okstate.edu/index_3.html**

The Clearinghouse provides a wide variety of disability-related training resources, including participant and trainer materials, videos, syllabi, and curricula from publicly funded rehabilitation training programs for rehabilitation practitioners in state, federal, and private agencies.

National Stroke Association**www.stroke.org**

NSA offers public and patient education, professional education and support activities, and links to products and services for stroke survivors and caregivers.

ABLEDATA**www.abledata.com**

The highlight of the ABLEDATA Website is the database of over 23,000 product records on assistive technology and rehabilitation equipment. The records provide a detailed description of the item, complete company contact information, and distributor listings (where applicable).

DIRECTORIES OF REVIEWED MEDICAL SITES

BioSites

www.library.ucsf.edu/biosites

Hardin Meta Directory

www.lib.uiowa.edu/hardin/md/surg.html

MedWeb

www.medweb.emory.edu/MedWeb/default.htm

Nursing Resources on the Web

library.humboldt.edu/~chadwick/nursresweb.html

How can I tell if I've found good information on the Internet?

Ask yourself if a Web site meets the following guidelines:

- Information content is from a respected source, is accurate and current.
- Information provided is readable, well-organized and easy to use.
- Information supports existing doctor/patient relationships.
- The purpose of the site is to inform, and not to sell a product or service.
- Confidentiality of site visitor data, including identity, is respected.

Funded by the National Library of Medicine under contract NOI-LM-6-3567 with the Pacific Southwest Regional Medical Library

09/29/00

EXHIBIT REPORT

Date: 12/23/00
Submitted by: Heidi Sandstrom
Exhibit:
Name of Meeting: California Library Association Annual Conference
Location: Santa Clara, CA
Dates: November 10-13, 2000
Staff: Michael Bennett
Barbara Bibel
Lisa Jerant
Heidi Sandstrom

Number of Registrants: 1,544 + 158 (exhibit only)

NUMBER OF EXHIBITS: 220

	<u>Hours</u>	<u>Visitors (No demo)</u>	<u>NLM Demos</u>	<u>Internet Demos</u>
11/11/00	12-5 PM	20	6	
11/12/00	9 AM – 5:30 PM	13	19	
11/13/00	8 AM – 2 PM	14	18	8

Exhibit Summary:

There were no pre-exhibit meetings or distributions of pre-mailers, letters, or invitations for this exhibit. The exhibit booth was located on the entrance aisle, in the back left, next to the Knowledge Network Explorer booth of Pacific Bell (<http://www.kn.pacbell.com>).^{*} This was a good location. However, because of the paucity and distribution of no-conflict time for exhibiting, and the large number of exhibitors at this meeting, attendance in the exhibit hall was disappointing. *Health Information at Your Fingertips* was presented at this conference by Heidi Sandstrom on November 13, 2000, following the closing of the exhibit hall for CLA. Twenty-one librarians attended the presentation; two attendees had already been to the exhibit booth. The PowerPoint slides from this presentation can be viewed through the Presentations link on the PSRML consumer health page at <http://www.nlm.nih.gov/psr/chi/>. User feedback at the exhibit booth was enthusiastic. About 95% of our demos were of MEDLINE^{plus}. Librarians were pleased with the information found under the Other Resources link, as well as with the drug information, and encyclopedia resources, in addition to the various topic pages. Visitors appreciated the NN/LM handout, MEDLINE^{plus} bookmark, and pens. Mints at the Pacific Bell booth next to us proved to be very popular – we decided to offer these at a future meeting. No other MEDLINE providers were present at this meeting. Since we have done presentations at CLA in 1998, 1999, and 2000, and have exhibited for the past couple years, we may wait until 2002 to exhibit again.

^{*}Pacific Bell has made a long-term commitment to improving education in California. The Knowledge Network Explorer is the official web site of Pacific Bell's education program, Education First, and supports education by helping schools, libraries, and colleges acquire and effectively use Internet and videoconferencing technology.



National Network of
Libraries of Medicine

Pacific Southwest Region

**CALIFORNIA LIBRARY ASSOCIATION 102ND ANNUAL CONFERENCE &
EXHIBITS
November 10-13, 2000**

**INTERNET CONSUMER HEALTH INFORMATION EXPLORE FREE
SITES FROM THE NATIONAL LIBRARY OF MEDICINE AND
ELSEWHERE!**

MEDLINEplus

<http://medlineplus.gov>

The **National Library of Medicine's** web site for free consumer health information.
Includes:

- ♦ **Health Topics** - Information on over 400 conditions, diseases and wellness, plus a medical encyclopedia.
- ♦ **Drug Information** - On over 9,000 generic and brand name prescription and over-the-counter drugs.
- ♦ **Clinical Trials** - Information about current clinical research studies from NIH
ClinicalTrials.gov.
- ♦ **Dictionaries** - Spellings and definitions of medical terms.
- ♦ **Directories** - Locations and credentials of doctors, dentists and hospitals.
- ♦ **Other Resources** - Access to organizations, consumer health libraries, publications, Medline, and more.
- ♦ **MEDLINEplus Tour** - Online tutorial:
<http://www.nlm.nih.gov/medlineplus/tour/tour.html>

PubMed

<http://www.ncbi.nlm.nih.gov/PubMed>

PubMed is a user-friendly version of **MEDLINE**, the National Library of Medicine's free database of references to more than 11 million **articles** published in 4300 **biomedical journals**. Searching by topic provides a list of articles. Many include article abstracts, and sometimes a link to the full article. Users may sign up for Loansome Doc for document delivery services (there may be local charges).

FOR LIBRARIANS

HealthInfoQuest

<http://www.nlm.nih.gov/healthinfoquest>

Pathfinders designed for public librarians and health information specialists in a tutorial format. There are over a dozen typical public library questions demonstrated using authoritative and reliable resources.

Librarian & Health Educator Resources

<http://www.nlm.nih.gov/libinfo>

A launching place for librarians that facilitates health information access. This site, from the National Network of Libraries of Medicine, includes information on U.S. health libraries, classes and training materials, public health information, funding information, ejournals, information on DOCLINE interlibrary loan and Loansome Doc services, and links to internet resources.

Consumer Health Web Manual

<http://www.nlm.nih.gov/scr/conhlth/manualidx.htm>

An online manual with various chapters written by health sciences librarians. Sixteen chapters cover topics useful for organizing consumer health collections. Includes everything from consumer health video resources to tools for evaluating consumer health web sites.

FOR CONSUMERS

Deciphering Medspeak

<http://www.mlanet.org/resources/medspeak/index.html>

Produced by the Medical Library Association, this web site helps consumers and librarians decipher "medspeak," the specialized language of health professionals. Also includes sections on deciphering prescription shorthand called "Rx Riddles Solved" and a page on diagnosing web sites with useful links.

healthfinder®

<http://www.healthfinder.gov>

A free English/Spanish gateway to reliable consumer health and human services information developed by the U.S. Department of Health and Human Services.

NOAH: New York Online Access to Health

<http://www.noah.cuny.edu>

NOAH provides full-text health information for consumers that is accurate, timely, and relevant. NOAH supports both English and Spanish usage.

National Women's Health Information Center

<http://4women.gov>

The National Women's Health Information Center provides a gateway in English and Spanish to the vast array of Federal and other women's health information resources.

KidsHealth.org

<http://www.kidshealth.org>

Created by the Nemours Foundation, KidsHealth.org has information on infections, behavior & emotions, food & fitness, and growing healthy as well as games and animations.

DIRECTORIES OF REVIEWED MEDICAL SITES

BioSites

<http://www.library.ucsf.edu/biosites>

Hardin Meta Directory

<http://www.lib.uiowa.edu/hardin/md/index.html>

HealthWeb

<http://healthweb.org>

Librarian's Index to the Internet: Health and Medicine

<http://lii.org/search/file/health>

MedWeb

<http://www.medweb.emory.edu/MedWeb>

Medical Matrix

<http://www.medmatrix.org>

How can I tell if I've found good information on the Internet?

Ask yourself if a Web site meets the following guidelines:

- ◆ Information content is from a respected source, is accurate and current.
- ◆ Information provided is readable, well-organized and easy to use.
- ◆ Information supports existing doctor/patient relationships.
- ◆ The purpose of the site is to inform, and not to sell a product or service.
- ◆ Confidentiality of site visitor data, including identity, is respected.

Funded by the National Library of Medicine under contract NO1-LM-6-3567 with the Pacific Southwest Regional Medical Library

October 2000

EXHIBIT REPORT

Date: 12/23/00
Submitted by: Heidi Sandstrom
Exhibit:
 Name of Meeting: California School Library Association Annual Conference
 Location: Santa Clara, CA
 Dates: November 15-18, 2000
 Staff: Michael Bennett
 Elaine Graham
 Heidi Sandstrom
 Number of Registrants: 2,077
 Number of Exhibits: 150

	<u>Hours</u>	<u>Visitors (No demo)</u>	<u>NLM Demos</u>	<u>Internet Demos</u>
11/15/00	6-8:30 PM	13	6	
11/16/00	10 AM-6 PM	17	12	
11/17/00	10 AM-3:30 PM	62	25	

Exhibit Summary:

There were no pre-exhibit meetings or distributions of pre-mailers, letters, or invitations for this conference. The exhibit booth was located on the entrance aisle, in the back left, next to the Knowledge Network Explorer booth of Pacific Bell (<http://www.kn.pacbell.com>).

Connecting in the Middle: Health Information Literacy for Middle Schoolers was presented by Heidi Sandstrom on November 18, 2000, to a group of six. Unfortunately, this was one of eleven concurrent sessions being offered at the same time (8:30-9:30 AM); an author/illustrator breakfast was also being held during this time period (8-9:30 AM). The presentation was well received by an enthusiastic and interactive group of attendees; only one of them had been by the exhibit booth. They were given contact information for the EAHIP middle-school project being done by the Preuss School/University of California, San Diego, as this was highlighted during the presentation. This group also expressed interest in a MEDLINEplus topic page on health professions, targeting middle school and high school students; this resource would be especially useful to those working in health science magnet schools. This information request has been forwarded via the MEDLINEplus comments link. We concluded that it would be helpful to advertise our presentations at the booth during future exhibits, to heighten awareness of this additional opportunity to learn about NLM products and services in greater depth. The PowerPoint slides from this presentation can be viewed through the Presentations link on the PSRML consumer health page at <http://www.nnlm.nlm.nih.gov/psr/chi/>.

The school librarians in the exhibit hall were thrilled with the resources available through MEDLINEplus. Many of them are helping teachers to integrate web resources into health and science curriculums. They are also assisting school nurses, who are looking for reliable health information resources for themselves and for health education

resources for students and families. We highlighted many of the topic pages found under the broad group link "Child and Teen Health" as well as the Children's and Teen's pages. There was particular interest in topics relating to behavior, learning disorders, growth and development, and communicable diseases. We were surprised at how much time our visitors at the booth were willing to spend watching demonstrations, asking questions, and sharing information needs. Electronic access to electronic information is making a big impact on school librarians, who are often working in resource poor environments, isolated from their professional colleagues. No other MEDLINE information providers were present in the exhibit hall.

We are planning to exhibit at the California School Library Association meeting in 2001. Craig Haynes and Marsha Korobkin will be doing a presentation on the EAHIP middle-school project being done by the Preuss School/University of California, San Diego, at this meeting.

*Pacific Bell has made a long-term commitment to improving education in California. The Knowledge Network Explorer is the official web site of Pacific Bell's education program, Education First, and supports education by helping schools, libraries, and colleges acquire and effectively use Internet and videoconferencing technology.



Pacific Southwest Region

HEALTH WEBSITES FOR SCHOOL LIBRARIANS

Explore free sites from the
National Library of Medicine and elsewhere!

MEDLINEplus

<http://medlineplus.gov>

The National Library of Medicine's web site for free consumer health information. Includes:

- ♦ **Health Topics** - Information on over 400 conditions, diseases and wellness, plus a medical encyclopedia. Includes topic pages on **Child and Teen Health** and a **Children's Page**.
- ♦ **Drug Information** - On over 9,000 generic and brand name prescription and over-the-counter drugs.
- ♦ **Clinical Trials** - Information about current clinical research studies from NIH *ClinicalTrials.gov*.
- ♦ **Dictionaries** - Spellings and definitions of medical terms.
- ♦ **Directories** - Locations and credentials of doctors, dentists and hospitals.
- ♦ **Other Resources** - Access to organizations, consumer health libraries, publications, Medline, and more.
- ♦ **MEDLINEplus Tour** - Online tutorial: <http://www.nlm.nih.gov/medlineplus/tour/tour.html>

PubMed

<http://www.ncbi.nlm.nih.gov/PubMed>

PubMed is a user-friendly version of **MEDLINE**, the National Library of Medicine's free database of references to more than 11 million **articles** published in 4300 **biomedical journals**. Searching by topic provides a list of articles. Many include article abstracts, and sometimes a link to the full article. Users may sign up for Loansome Doc for document delivery services (there may be local charges).

FOR LIBRARIANS

K-12 Library and Media Center Websites

<http://librarians.about.com/careers/librarians/cs/k12mediacenters/index.htm>

Meta-site for school librarians to get you started. Lists directories, which include resources for school librarians and lots of sites for children and teens including health and biomedicine sites.

Consumer Health for Kids!

<http://www.nlm.nih.gov/scr/conhlth/chforkids2.htm>

From the National Network of Libraries of Medicine, South Central Region, a list of reviewed consumer sites developed for children and teens. Includes a brief description of the site.

FOR EDUCATORS AND PARENTS

California HealthyKids

<http://www.hkresources.org>

A free loan collection of health education materials from the California Department of Education. Materials can be sent to educators anywhere in California. Also includes research summaries, school health laws, programs and consultant services, and links to reviewed health education websites.

California School Health Connections

<http://www.cde.ca.gov/cyfsbranch/lsp/health>

Includes full-text of California Department of Education reports such as the results from California's Physical Fitness Test (Fitnessgram). Also has FAQ's about health, grant opportunities, links and associations.

SHAPE California

http://www.cde.ca.gov/cyfsbranch/cnfddiv/nets/sh_index.htm

A network of over 90 school districts working together to improve the health and academic success of children through nutrition education and programs. Also has information on joining, funding opportunities, and some nutrition full-text materials and links.

School Health Policies and Programs Study

<http://www.cdc.gov/nccdphp/dash/shpps>

Conducted by the CDC National Center for Chronic Disease Prevention and Health Promotion, SHPPS is a national survey periodically conducted to assess school health policies and programs at all levels. The studies are available at this site.

American Academy of Pediatrics: You and Your Family

<http://www.aap.org/family>

Gives information on car and sports safety, injury prevention, pediatrician referrals, an immunization schedule, guide to quality children's media, organizing health fairs, and a list of reviewed web sites.

CNN.com Health - Children

<http://europe.cnn.com/HEALTH/children>

CNN site which groups together recent U.S. media stories pertaining to children's health.

KidsHealth.org

<http://www.kidshealth.org>

Created by the Nemours Foundation, KidsHealth.org has information on infections, behavior & emotions, food & fitness, and growing healthy as well as games and animations.

KidsMeds

<http://www.kidsmeds.com>

Provides pediatric drug information to parents. Features seasonal pages with important subjects for each season, a list of poison control centers, information on administering medications, infosheets, and an opportunity to ask questions from a pediatric pharmacist.

KidSource Online

<http://www.kidsource.com>

Health information includes health and safety articles, recall notices, calendars of activities, and more.

FOR CHILDREN AND ADOLESCENTS

In addition to the *Consumer Health for Kids* site on page 1, see:

Berit's Best Sites for Children: Health

<http://www.beritsbest.com/SeriousStuff/Health>

A directory of sites for children up to age 12, ranked and reviewed by a librarian. To be included, sites must have content, be free, easy to use, appealing to kids, and show clear authority. Over thirty health sites are ranked, described and pictured.

Kidd Safety

<http://www.cpsc.gov/kids/kidsafety>

Sponsored by the Consumer Products Safety Commission, Kidd Safety is geared to prevent unreasonable risks of injuries to children associated with consumer products. Has games for children, and also some classroom activities for teachers, and information for parents.

Multimedia Tutorials for Children and Parents

<http://www.people.virginia.edu/~smb4v/tutorial.html>

Sponsored by the Children's Medical Center of the University of Virginia. Geared towards older children and parents, included are the following topics: asthma, cerebral palsy, chronic constipation and encopresis, and gastroesophageal reflux.

P.D. Parrot

http://www.bmhcc.org/PD_Parrot

Teaches safety, health and nutrition to children with tip sheets and games. Includes questions and answers from a doctor, and an opportunity for children to send in questions of their own. The site is sponsored by the Baptist Memorial Health Care Corporation.

Teen Advice

<http://teenadvice.about.com/teens/teenadvice>

Large directory of reviewed sites. Includes topic pages on health and fitness, drugs and alcohol, pregnancy, and other related health topics.

DIRECTORIES OF REVIEWED MEDICAL SITES

Hardin Meta Directory

<http://www.lib.uiowa.edu/hardin/md/index.html>

For children's health, click on "pediatrics."

HealthWeb

<http://healthweb.org>

"Pediatrics" includes consumer sites as well as professional ones.

Librarian's Index to the Internet: Health and Medicine

<http://lii.org/search/file/health>

Includes a section on children's health.

MedWeb

<http://www.medweb.emory.edu/MedWeb>

Over 40 sites listed under "Consumer Health: Pediatrics." Also a small section on "School Health."

How can I tell if I've found good information on the Internet?

Ask yourself if a Web site meets the following guidelines:

- ◆ Information content is from a respected source, is accurate and current.
- ◆ Information provided is readable, well organized and easy to use.
- ◆ Information supports existing doctor/patient relationships.
- ◆ The purpose of the site is to inform, and not to sell a product or service.
- ◆ Confidentiality of site visitor data, including identity, is respected.

APPENDIX D

Resource Library Directors Meeting Minutes

**Resource Library Directors Meeting
Pacific Southwest Regional Medical Library
October 16, 2000
Los Angeles, California**

Resource Library Directors:

Rachael Anderson, University of Arizona, Arizona Health Sciences Library
Suzanne T. Bell (representing Paul Steere), University of Guam, Robert F. Kennedy Memorial Library
John Breinich, Hawaii Medical Library
Alison Bunting, University of California, Los Angeles, Louise M. Darling Biomedical Library
Karen Butter, University of California, San Francisco, Library and Center for Knowledge Management
Janis Brown (representing Bill Clintworth), University of Southern California, Norris Medical Library
Barb Lucas (representing Susan Lessick), University of California, Irvine, Science Library
Valerie Su, Stanford University Medical Center, Lane Medical Library
David Rios, Loma Linda University, Del E. Webb Memorial Library
Susan Starr, University of California, San Diego, Biomedical Library
Gail Yokote, University of California, Davis, Carlson Health Sciences Library
Joan Zenan, University of Nevada, School of Medicine, Savitt Medical Library

PSRML Staff and Guests:

Kathi Canese, Technical Information Specialist, National Library of Medicine
Judy Consales, Deputy Director, UCLA Biomedical Library
Elaine Graham, Associate Director, PSRML
Claire Hamasu, Health Information Services Coordinator, PSRML
Andrea Lynch, Network Assistant, PSRML
Heidi Sandstrom, Consumer Health Information Services Coordinator, PSRML

Introductions around the Room

Directors were invited to comment on any new uses of technology to enhance delivery of information to the library's own users or to NN/LM Network members.

Gail Yokote: UCD is using WebLine in Reference. The Informatics Fellow is implementing RTC (Remote Technology Connection) to allow contacts between reference desks at different buildings.

Valerie Su: Stanford is experimenting with distributing PDAs to preclinical students, fingerprint security, video on demand on the web, and improving data access with XML. Plans for the new Lane Medical Library will incorporate desktop delivery. The Library subscribes to 1100 electronic journals, of which 620 are available through PubMed LinkOut.

Joan Zenan: The Savitt Medical Library is completing a new building. Desktop

to desktop delivery is accomplished with Ariel software. Currently implemented for Network delivery to libraries, this service will be expanded in the medical center and rural areas as registrations for Loansome Doc increase. Training via videoconferencing will be offered as part of the public health outreach project funded by NLM.

Janis Brown: USC is examining how to use PDAs within the professional schools; the School of Medicine has suggested that the residents get PDAs. Norris Medical Library is implementing E-Res, a commercial electronic reserves software package. A project to search for images on the web will employ UMLS. Norris subscribes to approximately 750 electronic journals; making sure the links work is very time consuming, so making this process more automated is a high priority. Finally, Norris is looking at how to make the new web site more responsive to the individual.

Barbara Lucas: UCI is also working with WebLine, and has started an "ask a librarian" initiative. The Library is experimenting with a librarian call button for users to page a reference librarian for assistance, rather than having the librarian stationed in the public area.

Alison Bunting: UCLA is looking at the use of PDAs in the professional schools; many of the students own PDAs and are interested in whether PubMed will be scaled to work with connected PDAs. Desktop delivery is being planned on a statewide basis by University of California libraries. The Biomedical Library has a new web site design that focuses on users (with quick links to frequently used resources) and is increasingly involved in digital initiatives, including research papers from the Human Nutrition Course, and images from the History of Pain Archives.

David Rios: Loma Linda University is using E-Res and has brought up a proxy server. The Library is experimenting with document delivery to the desktop, and has begun charging for printing in the Library.

Rachael Anderson: The Arizona Health Sciences Library wireless classroom has proved successful, and how to expand access in other parts of the library is under review. The number of electronic journals has increased, with over 50% of print journals also available electronically. The Library has been able to reduce document delivery fees for libraries in Arizona (to \$6.50), and students receive free interlibrary loans. The Library is working with the hospital on information prescription forms, with free parking offered for those who use the prescription. AZHIN is being expanded to include additional telemedicine sites, so there are now over 30 members. E-Res has been fully implemented; Relais is used in document delivery.

Karen Butter: USCF has a new Center for Instructional Technology. WebCT will make it easier for students to access instructional materials. As part of curriculum reform efforts, the School of Medicine has a goal to get first-year course materials on the web in 2001. Nursing is also making good progress in putting courses online. The faculty are offered training in putting courses online. The School of Medicine received grant funding for PDAs and has compiled an extensive list of PDA applications. The Library has implemented DHCP with dynamically-assigned addresses to take advantage of wireless connectivity and increased use of laptops. The Library is redesigning its web site based on focus group input that revealed the need for personal portals. A

foundation grant will provide physical space for the Tobacco Control Archives, now at 40 million page images.

John Breinich: HML successfully moved the OPAC from CARL to Voyager. HML was the first library in Hawaii to use Voyager, and the University of Hawaii will be bringing it up soon. HML has created a medical museum online with historical photos. HML is using Ariel for document delivery. The new dean at the University of Hawaii School of Medicine comes from Yale University; a new, totally separate, campus is planned to open in five years. The School of Public Health was merged into the School of Medicine on July 1. There is a new university librarian at University of Hawaii, and the president is leaving.

Susan Starr: UCSD is undertaking a Library-wide portal project. A unified database of web resources will allow search retrieval to be created "on-the-fly." Usability testing will be conducted to resolve design questions, and statistics will be collected to identify what is most important to the user. The Library is checking out laptops to users. On-campus web delivery is being implemented; scanning is replacing photocopying. UCSD is using E-Res.

Susanne Bell: University of Guam has a new library dean, Paul Steere. The Library has been using Ariel software since 1998; DocView is used to view documents delivered as attachments. The response to improved document delivery capabilities has been thrilling. Librarians in the Pacific Basin are interested in development of additional opportunities for training.

Kathi Canese: The National Library of Medicine is reviewing its web services to ensure accessibility in compliance with the Americans with Disabilities Act (ADA). NLM hopes to develop a scaled-down PubMed that can be tested with PDAs.

Alison Bunting recognized Rachael Anderson, who will retire in January 2001; the Directors and PSRML staff joined in expressing appreciation for her leadership and contributions in the region.

PubMed LinkOut for Libraries

Kathi Canese presented an overview and demonstration of PubMed LinkOut. She showed how to display links on the fuller record displays, as well as how to store searches and set LinkOut preferences in Cubby. Currently, links to publisher sites display by default on the abstract results display.

Kathi explained the LinkOut for Libraries program. Libraries will be able to establish a LinkOut icon and set up a holdings file that PubMed can link to results displays. Links to full text at publisher sites accommodate library electronic subscriptions set up with either IP range recognition or user ID and password access. Library users can set up their own Cubby and display their library's icon, and libraries can set up the PubMed URL on public workstations to link search results to their holdings file. To participate in LinkOut, libraries will need to obtain a user ID from NLM, create an identity file, and prepare a holdings file using the PubMed holdings submission utility (or by submitting an XML file of holdings). Changes to the holdings file will be updated daily. The

RMLs will participate in LinkOut over the next few months, and other libraries will be able to initiate LinkOut for Libraries early in 2001.

In response to a question on links to information on print subscriptions, Kathi indicated that NLM still hopes to provide holdings information from SERHOLD in the future.

Technology Training and Awareness

For the new contract period (2001-2006), PSRML proposed that technology showcases be planned and offered by a regional Resource Library, funded through a subcontract with UCLA. The host library would handle program planning, arrangements with speakers, publicity, and registration. The Resource Library Directors suggested several possible topics: PDAs; wireless technology; use of technology in health education; customization of health education; providing information and education over the digital divide; desktop delivery; and creating, maintaining, and evaluating health portals. Possible formats include an information fair, with exhibits, demonstrations, lectures, and question-and-answer sessions. Mini-showcases could be held in conjunction with the Joint Meeting. Obtaining feedback from the hospital librarians on what is needed will be important.

DOCLINE

Andrea Lynch gave an update on web-based DOCLINE implementation and the new version 1.1 soon to be released. Over the next year, NLM will conduct a complete interface review and will investigate the feasibility of a Network billing program. Regular NLM teleconference briefings with the RMLs will continue, and communications between network libraries and NLM and the RMLs will be enhanced with development of a customer contact link within the DOCLINE system. PSRML and NLM have worked with a number of libraries to resolve problems in accessing DOCLINE due to firewall issues. PSRML will continue to promote electronic document delivery through newsletter articles and workshops. DOCLINE interface changes will make it easier to select electronic document delivery options. The Directors discussed the challenges of document delivery with the increase in electronic subscriptions and decline in print equivalents.

Consumer Health Information Services

John Breinich reported on Hawaii Medical Library's work with the public library system statewide. Funded through the NLM's Electronic Access to Health Information for the Public, HML is teaching MEDLINE to the public. The portable LAN is being used, although members of the public are not showing as much interest in hands-on practice as do health professionals that have been trained in the HiPHIVE project.

Rachael Anderson distributed bookmarks from the CHILÉ (Consumer Health Information Links for Everyone) project, also funded through the NLM's Electronic Access to Health Information for the Public. She reported that through SOAHR (Southern Arizona Health Referral) the Arizona Health Sciences Libraries is open to everyone, although the project emphasizes that the best point of contact for members of the public is the public library. The web site identifies places in the community

that the public can go for health information. Public library staff are being trained both at AHSL and at the main Tucson-Pima Public Library. In addition, the Consumer Health Southwest Thesaurus is being developed.

Susan Starr reported on the Electronic Access to Health Information for the Public project that involves UCSD and the Preuss Charter School, located on the UCSD campus. A particular concern of the school is how to include the educationally underserved. The project web site will assist integration of health information in the curriculum.

David Rios reported on Loma Linda University Library's project with the Riverside Public Library, supported in part by PSRML and the California State Library. Three modules on health information reference have been developed, including one on electronic health information resources; the training modules are available on the PSRML web site. The California State Library funded collection development of print materials; collections have been placed at public libraries in the Tierra del Sol Library System.

Karen Butter (UCSF) noted the need for high quality Spanish and Asian language consumer health information resources.

Heidi Sandstrom gave an overview of regional consumer health information outreach activities. She noted that at recent events such as the LA Times Festival of Health, it is clear that an ever-increasing number of people have Internet access. She highlighted the consumer health information web pages on the PSRML and NN/LM sites. Resource Library Directors noted the importance of coordinating activities in local areas as PSRML consumer health training activities expand. NLM will likely make additional funding available in the future for additional or continuation consumer health information outreach projects. Heidi announced the availability of the flyer, "Be Well. Be Informed." The flyer is available in English and Spanish for downloading from the PSRML web site.

Valerie Su reported that the Stanford Health Library has reclassified the collection, and videos can be viewed online with RealPlayer. Approximately 300 consumer health publications are available for "checkout" via the E-books Collection.

Outreach to Health Professionals

Joan Zenan reported on the PHIL (Public Health Information Links for Nevada) project, funded by NLM in the Partners in Information Access for Public Health Professionals program. Once the web site was developed, training and demonstrations were needed to encourage people to explore and use the site. Project staff survey participants by phone after the training to determine if they are using the site. Joan is a member of the planning group for a symposium to be held at NLM in spring 2001, at which project investigators from across the country will share findings on what worked and what did not during the projects.

Joan also reported on WHINN (Web-based HIV/AIDS Information for Northern Nevada); project coordinator Terry Henner finds that the site is proving useful for patients as well as health professionals. Although the project has been completed, the Library is still responding to requests for more training. The final phase of the

CAMIL project (CAMIL3, Computer Assisted Medical Information Link) will connect additional rural health institutions to the Internet. Both of these projects were funded through the PSRML outreach program.

John Breinich reported on HiPHIVE (Hawaii Public Health Information Virtual Emporium). Also funded by NLM in the Partners in Information Access for Public Health Professionals program, HiPHIVE project coordinators conducted a needs assessment, developed a web site, and then delivered training to underserved public health professionals across the State of Hawaii. A portable LAN was piloted, and proved an effective means of providing hands-on training to public health professionals. Training sessions were well attended. Public health professionals who work in remote areas of the state sometimes feel isolated; they especially appreciated the outreach program.

Claire Hamasu gave an update on the recent PSRML outreach awards. Nine applications were received, and PSRML intended to fund all of them. However, four applicants withdrew due to institutional changes in personnel and administrative issues, so five projects were finally funded (at \$3500 each) and have begun. In addition, the Rural Health Office, University of Arizona, was awarded outreach funding to improve Internet connectivity at health institutions in the state. Claire also reported on the revised process for updating BioSites, and the total site review now underway. Claire described plans for the AIDS Information Summit, to be sponsored by PSRML and the California AIDS Clearinghouse in May/June 2002.

John Breinich reported that HML is in the second year of a school outreach project, funded by a health insurance organization. Models and charts are circulated to teachers; this has been a popular program. A local entertainment book with coupons for exercise and lessons includes an HML coupon for training in health information access at the library. HML received a donation of 400 videotapes with spiritual, cultural, and religious themes; these will support outreach to new communities.

Karen Butter reported on outreach plans to provide services to a separate campus site for marine biology.

Rachael Anderson reported on outreach to health professionals along the Arizona/Sonora border. A web site supports physicians with links to a Spanish interface for searching PubMed. Jerry Perry is serving on a medical center AIDS Planning Committee.

Gail Yokote reported on outreach activities coordinated by Rebecca Davis, including library participation in a UC Davis health fair for targeted populations. She described UC Davis outreach services, including HouseCalls, journal club assistance, class and meeting presentations, and exhibits on library and Internet resources that can be offered at conferences or symposia.

Claire Hamasu provided a demonstration of the new NLM Gateway.

NLM Update

Alison Bunting presented an update on activities at the National Library of

Medicine. A new building design has been prepared. While current print resources will not continue to grow at rates previously seen, NLM projects substantial growth in archival collections, which will require additional space. Budget authorization from Congress will be needed before progressing to architectural drawings, so the construction schedule has not been determined; the new building may be started in 2002 or 2003.

One of NLM's new services, *ClinicalTrials.gov*, received a No Gobbledy Gook Award from Vice President Gore's Office as a meaningful, easy-to-use web site.

NLM has introduced a new database creation and maintenance system that accommodates the range of citation processing requirements, from keyboarding citations, which is done less and less, to electronic submissions from publishers, as well as indexing and output to databases. The system employs XML files and Cold Fusion software. This new capability gives rise to the question of whether or not NLM should add more citations to MEDLINE. People ask why everything in a health-related subject is not in MEDLINE. How important are quality screening of additions and in-depth indexing? It may make sense to add additional titles, but library web sites are valued for access to quality information, so it is important to maintain some type of quality assessment. This could be done by relevance ranking, revised definitions of quality, or special search filters like the clinical queries feature of PubMed.

Resource Library Updates

Each Resource Library Director gave a brief update on current activities and projects. By agreement, minutes were not taken on this portion of the meeting.

APPENDIX E

Francisco Bravo Medical Magnet High School Outreach

Health Fair

Los Angeles, March 1, 2000

Francisco Bravo Medical Magnet High School Online Health Information Training

Evaluation Results

March 23 Classes

Four workshops were conducted on March 23 for students from a selection of Bravo's science classes. Students in these classes were primarily juniors and seniors at Bravo. Attendance is as follows:

10:35 AM	26 students
11:40 AM	29 students
1 PM	25 students
2 PM	26 students

Because the pre-test evaluations were inadvertently distributed both at the beginning and at the end of the 10:35 class, evaluation results from this class were not included in this descriptive summary.

PRE-TEST RESPONSES

Question A:

When the respondents were asked about where they get health information, over 90% responded "School textbooks", while 80% or higher (depending upon the class) responded with "Class lectures". Around 70% of the respondents answered "Television", "Teachers", "Parents", and "Magazines/Newspapers". The remaining choices varied from 40-60%.

Question B:

When asked to list the top 3 health information sources in order of preference "Books"/ "Textbooks", and "Magazines/Newspapers" were the top two. Two of three classes (1 and 2 PM) had "Television" as the next highest mark. The 11:40 AM class had "Teachers" as the next highest, and "Television" did not make the top five (teachers did not make the top five for the other two classes).

Question C:

At least 58% of the students stated that they use the Internet to find health information. Yahoo and Alta Vista were by far the most common search engines used by the respondents.

Question D:

When the respondents were asked how they know they can trust the health information they receive, the primary answer (over 75%) was they "do not know", or they just "trust" the information. 10-20% said they ask professionals or doctors. Fewer than 10% said they just use their common sense.

Question E:

Only two respondents (3%) were even familiar with an NLM resource or database.

POST-TEST RESPONSES

When respondents were asked in the post-test how they would know if the health information is reliable, roughly 30-40% responded with AACE (Authority, Agenda, Currency, and Ease of Use). Fewer than 30% responded “they don’t know” or “trust”. 25% responded with “checking the URLs”.

The respondents were asked to rank URLs from most authoritative to least authoritative. Two of the classes were almost evenly split between ranking .gov and .edu first. Respondents thought the .edu domain was best for students, as it does the most “informing”. One class (1 PM) ranked .gov 3rd because “the government lies a lot”. In all three classes there was a certain distrust of the government. Some found the information they were looking for on government sites difficult to find. The .org site was primarily ranked in the 3rd position, except for the 1 PM class, which ranked it second. The .com site was ranked 4th, while the personal page was ranked overwhelmingly last. Many found the government sites had the most statistics, while the .com site was the easiest to understand, followed by the .org site.

When asked in the post-test about naming an NLM web site, 59% of the 11:40 class were familiar with a web site, 65% of the 2 PM class were familiar with an NLM web site, while only 40% of the 1 PM class could name an NLM web site. This was by far the largest increase over the pre-test, where only 3% of all respondents were familiar with an NLM site.

MARCH 28 CLASSES

Two workshops were conducted on March 28 for students from a selection of Bravo’s English classes. Students in these classes didn’t seem as interested in online health information as those in the March 23 classes. Attendance is as follows:

10:35 AM	21 students
2 PM	17 students

PRE-TEST RESPONSES

Question A:

When the respondents from the two workshops offered on the second day were asked about where they get their health information, 92% responded “School textbooks”. 72% responded “Television”. 70% or more of the responses included “Books” and “Magazines/Newspapers” and 65% or more of the responses included “Internet” and “Class lectures”. The remaining choices varied from 35-59%.

Question B:

When asked to list the top 3 health information sources in order of preference, “Internet” was the top choice, followed by “Health Professionals” and “Books”/“School textbooks”.

Question C:

62% of the students responded that they use the Internet to find health information. Yahoo was by far the most common search engine used by the respondents.

Question D:

When the respondents were asked how they know they can trust the health information they receive, 76% either didn’t answer the question or indicated that they don’t know.

Question E:

Three respondents (8%) stated that they have used a National Library of Medicine resource or database, but none of these three stated which one.

POST-TEST RESPONSES

When respondents were asked in the post-test how they would know if the health information they are getting is reliable, just over half, or 53%, could list a valid factor.

Respondents in both classes ranked the .org and the .edu sites as 1, 2, or 3, designating sites with these domain names as likely being more authoritative. The .com domain was ranked 4th in both classes. The “personal” URL was ranked in the 4th or 5th position. Of note, the .gov site was ranked 2nd by one class and 5th by the other. Students expressed distrust of the government in both verbal and written comments.

When asked why they ranked the URLs in the order they did, just under half the students, or 49% were able to articulate why.

65% were able to explain why using more than one search engine would be beneficial.

Only 9 students (or 24%) could name a National Library of Medicine web site on the post-test. 22 students (59%) didn’t answer the question and 6 students (16% gave incorrect answers. It should be noted that no students were able to list an NLM resource on the pre-test.

CONCLUSION

Students demonstrated a significant increase in their ability to evaluate the quality of online health information, and in awareness of NLM resources. This increase was more marked in the junior and senior level science classes, than in the English classes, which also had freshman and sophomore students. This workshop seems to be better suited to upper level students who have a more focused interest in science and in the

health professions. High school students are a challenging group to engage. A game format, with teams and prizes, might be a better approach in reinforcing learning with this group.



COOL HEALTH INFORMATION RESOURCES!

ADVOCATES FOR YOUTH

<http://www.advocatesforyouth.org/>

Interactive, aimed at youth, emphasizes peer counseling, handy fact sheets.

AMA FOCUS ON ADOLESCENT HEALTH

http://www.ama-assn.org/insight/h_focus/adl_hlth/teen/teen.htm

Authoritative, accessible.

FDA TEEN SCENE

<http://www.fda.gov/opacom/7teens.html>

Authoritative, updated, multi-use informationals that contain links to other organizations' sites.

GO ASK ALICE

<http://www.goaskalice.columbia.edu/>

Authoritative, anonymous, archived Q&As, age/situation relevant information.

KID'S HEALTH.ORG—FOR TEENS

<http://www.kidshealth.org/teen/bodymind/>

Useful information on fitness, food, and emotions.

DR. KOOP.COM

<http://www.drkoop.com/>

Contains health calculators to promote an active and empowered approach to health.

MEDLINEplus

<http://www.nlm.nih.gov/medlineplus/>

MEDLINEplus is a gold mine of up-to-date, quality health care information, from the world's largest medical library, the National Library of Medicine at the National Institutes of Health.

TIENE PREGUNTAS SOBRE LA SALUD?

Su doctor es el unico que puede, legalmente, darle informacion sobre sus medecinas y sus enfermedades. La siguiente informacion es una lista de recursos y publicaciones sobre la salud, en español. Hay muchos recursos que tienen informacion en Ingles Y en Español.

General

La Biblioteca Nacional de Medicina de los Estados Unidos:
<http://www.nlm.nih.gov/medlineplus/>

En ingles y Español

<http://www.noah.cuny.edu/>

Pueden entrar en "chat," preguntar un experto por E-mail, leer articules para pacientes.
<http://www.medspain.com/>

BUSCADOR

Buscan acqi para informacion sobre la salud—totalmente en español
<http://www.buscasalud.com/>

Diabetes

<http://nccam.nih.gov/hispanic/salud/publicaciones/>

Salud Mental

Esta página le ofrece una colección de publicaciones de NIH, organizada por orden alfabético, según el tipo de problema médica o enfermedad.
<http://nccam.nih.gov/hispanic/salud/publicaciones/>

No son sólo los adultos los que se deprimen.
<http://www.aacap.org/publications/apntsfam/depressd.htm>

Sida (VIH)

<http://nccam.nih.gov/hispanic/salud/publicaciones/>

Cancer (general)

http://cancernet.nci.nih.gov/sp_menu.htm

Mujeres

Hojas Informativas del NCI Mamogramas de Detección:
http://cancernet.nci.nih.gov/clinpdq/facts_span2/600528.html

Hombres

Preguntas y respuestas acerca del cáncer temprano de la próstata.
http://cancernet.nci.nih.gov/clinpdq/facts_span2/600523.html

Francisco Bravo Medical Magnet High School Online Health Information Training

Internet Medical Information Evaluation Worksheet

Making the right healthcare choices depends on getting the best information possible. Be picky. Take your time, and remember AACE:

Authority: Is the individual or organization qualified to do so?

Look for qualifications (e.g., degrees, recognition by professional healthcare organizations like the AMA)

URLS give clues as to the authorship and authority of a web page.

Non-governmental and/or professional organization web pages: look for **org** (organization)

Governmental web pages: look for **gov** (government)

Corporate/business/for profit web pages: look for **com** (commercial)

Educational institution web pages: look for **edu** (educational)

Personal web pages frequently have a tilde (~) in the URL and may include com, edu, or org

Agenda: Why is this person or company investing money and time in maintaining a website? Do they want to share research? Do they want to sell me stuff?

Is this only one person's opinion? Is this information based published, scientific experiments?

Currency: How old—Healthcare is a dynamic field. Information gets stale quickly.

Ease of use: Is this database WAY TOO HARD to use? Are there instructions?

Remember, just because something is easy to use doesn't mean its right for you, but if the directions are confusing, then find help or use another database.

USEFUL DEFINITIONS

Search Engine

A program that receives your search request, compares it to the entries in its index, that have been compiled by a spider (automated Internet searching software), and returns the results.

Directory

An Internet directory is a guide organized by major topics and subtopics, assembled by people as well as software.

Database

A database is a collection of data/information that is organized so that its contents can easily be accessed and updated.

EXERCISES

1. TO TATTOO OR NOT TO TATTOO?

Compare and contrast information quality and usefulness according to AACE criteria above.

<http://www.vh.org/Patients/IHB/Derm/Tattoo/> <http://www.tattoostudios.com/>

What kind of information is available on each site? (e.g., photographs, statistics, phone numbers)

Who sponsors these sites?

What are the clues in the URL's?

Why do these sites exist?

What potential health problems exist with regard to tattooing?

As a future health professional, which site would you recommend? Why?

WILL THE REAL YOU PLEASE STAND-UP?

Compare and contrast information quality and usefulness according to criteria above.

<http://www.advocatesforyouth.org/> <http://www.americanlifestyle.com>

How are you being addressed by the website? (e.g., consumer, student)

What kind of organizations sponsors these sites?

What kind of information is available on each site?

How are your health information needs being analyzed and met (e.g., as a consumer, as a whole person)

Which site do you find more useful?

3. SHOULD YOU *REALLY* ASK JEEVES?

Compare and contrast usefulness of Internet searches v organized sites.
Please search for one of the bolded terms in the assigned search engine.

Yahoo **<http://www.yahoo.com/>**

AskJeeves **<http://www.askjeeves.com/>**

MEDLINE*plus* **<http://www.nlm.nih.gov/medlineplus/>**

TUBERCULOSIS

hepatitis

adolescent depression

How are results organized?

How do you know which ones to access first?

How do you evaluate their authority (using AACE)

How useful is the information you have obtained?

4. NLM

Please go to the following URL: **<http://www.nlm.nih.gov/>**

If you have access to a computer, bookmark this site.

You'll have plenty of reasons to visit it in the future.

Find the **MEDLINE** link located underneath the "Health Information" heading and click

Now click on the MEDLINE link again

Click on the green ellipse to enter PubMed.

Please note the options to search in these other databases: *Nucleotide, Protein, Genome, Structure, PopSet*

Explore **LIMIT**

Limit search to Title Word; Human subject; English language

Enter search terms: "drug resistance" "tuberculosis"

Select **second** result

Link to publisher's site

Where can I find research information used by doctors, nurses, dentists, pharmacists and allied health professionals?

MEDLINE®

<http://www.nlm.nih.gov/>

MEDLINE ® is the **National Library of Medicine's** online database that contains more than 11 million references to journal articles in the health sciences. **PubMed** and **Internet Grateful Med** are two free systems to search MEDLINE.

Where can I find reliable, easy-to-read, health information and patient education materials?

MEDLINEplus

<http://www.nlm.nih.gov/medlineplus/>

MEDLINEplus is a gold mine of up-to-date, quality health care information, from the world's largest medical library, the National Library of Medicine at the National Institutes of Health.

What is the NN/LM?

The mission of the **National Network of Libraries of Medicine (NN/LM)** is to provide equal access to biomedical information to all U.S. health professionals and to the general public, in order to advance the progress of medicine and improve the public health. This program is coordinated by the **National Library of Medicine**, and carried out through a nationwide network of health science libraries and information centers. The Pacific Southwest Region includes the states of Arizona, California, Hawaii, Nevada, and the Pacific Basin. **The Pacific Southwest Regional Medical Library (PSRML)** is based at the Louise M. Darling Biomedical Library at UCLA.

Resource Libraries Near You

University of Southern California
Norris Medical Library
2003 Zonal Avenue
Los Angeles, CA 90033-4582

University of California Los Angeles
Louise M. Darling Biomedical Library
12-077 Center for the Health Sciences
Box 951798
Los Angeles, CA 90095-1798

Need help finding a local hospital-based medical library to supply you with full-text articles? Contact us!

Voice: (800) 338-7657 Email: psr-nnlm@library.ucla.edu

Web address: <http://www.nnlm.nlm.nih.gov/psr/>

PRE-TEST

A. Where do you get your health information?

Check all that apply.

☐ School textbooks

☐ Television

☐ Class lectures

☐ Internet

☐ Friends

☐ Magazines/Newspapers

☐ Parents

☐ Health Professionals

☐ Radio

☐ Teachers

☐ Relatives

☐ Books

☐ Other _____

B. List your top 3 health information sources in order of preference (favorite=1)

1. _____

2. _____

3. _____

Do you use the Internet to find health information? ☐ Yes ☐ No

If yes, which search engine(s) do you use?

How do you know that you can trust the health information you are getting?

List factors/criteria

C. HAVE YOU USED A NATIONAL LIBRARY OF MEDICINE ELECTRONIC RESOURCE OR DATABASE?

☐ Yes ☐ No

If yes, which one(s)? _____

POST-TEST

How do you know the health information you are getting is reliable?

List factors/criteria

Examine the URL's below. Rank them from the most authoritative (1) to the least authoritative (5)

Rank:

_____ <http://www.healthfamily.com>

_____ <http://www.healthyfamily.org>

_____ <http://www.pubhealth@uac.edu>

_____ <http://www.healthguy@mswnet~freethink/html>

_____ <http://www.pubhealth.cdc.gov>

Explain why you ranked them in the order you did.

WHY SHOULD YOU USE MORE THAN ONE SEARCH ENGINE? _____

Name a National Library of Medicine website: _____

